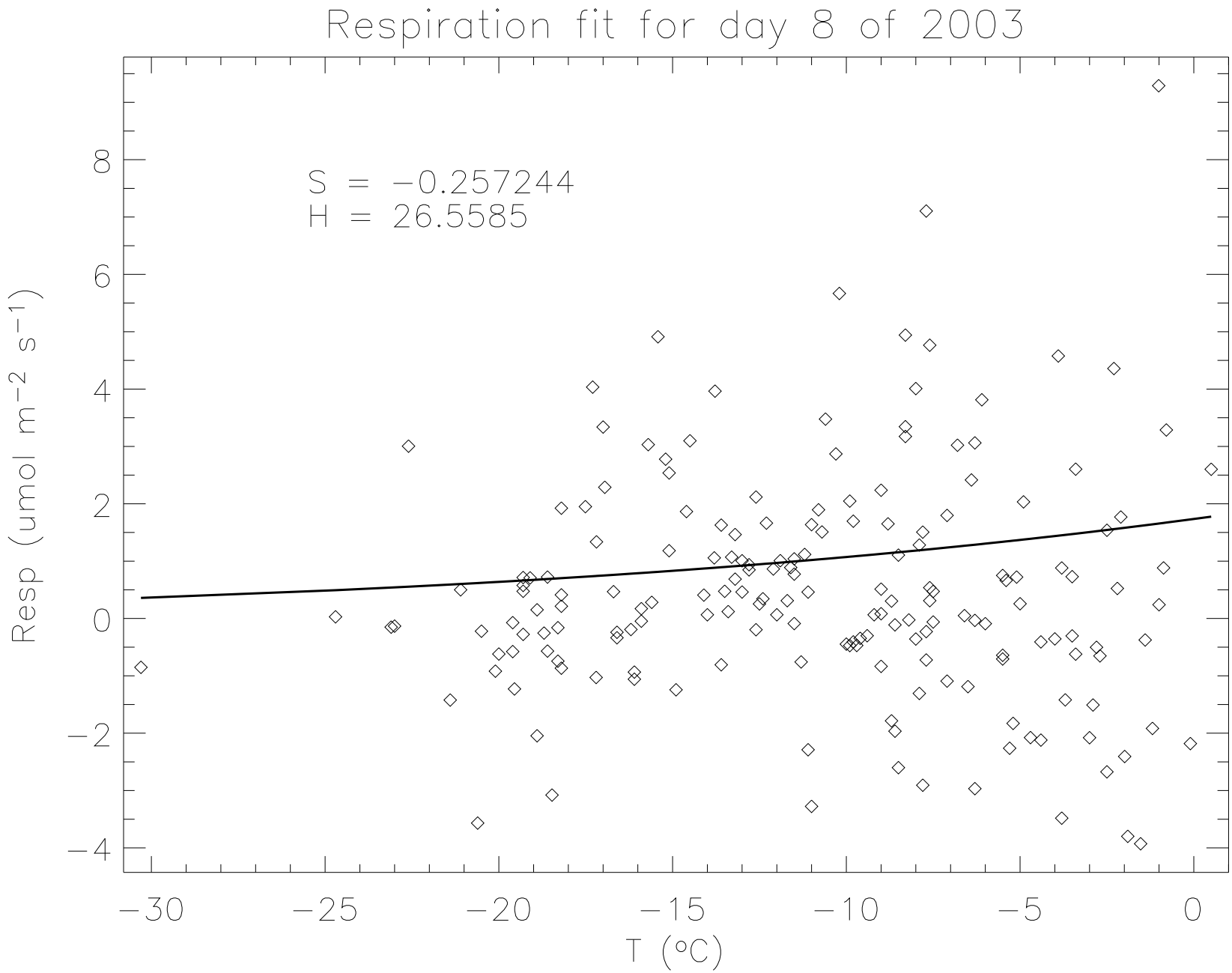
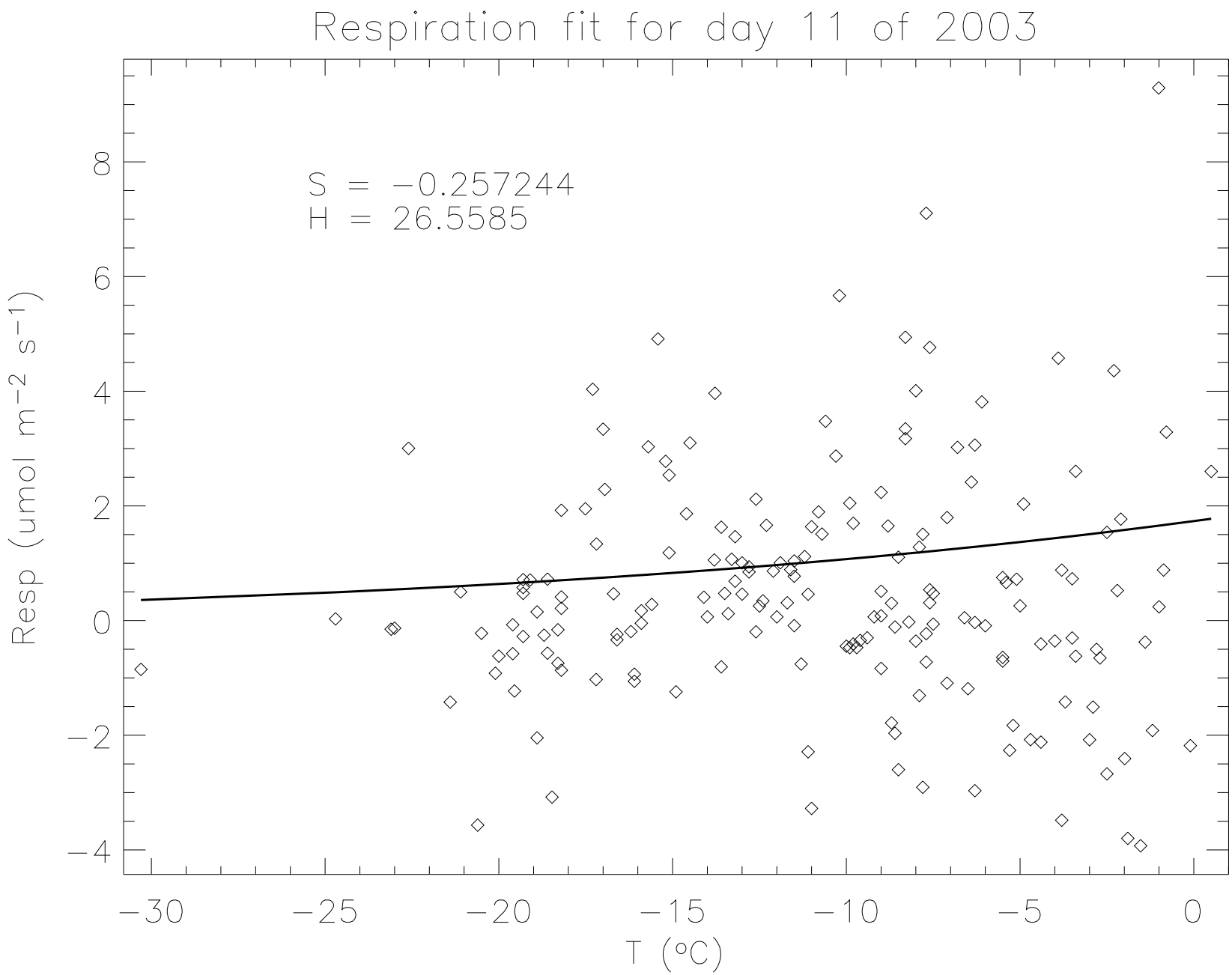
Respiration fit for day 7 of 2003
S = −0.257244
H = 26.5585
Resp (umol m−2 s−1)
T (°C)
8
6
4
2
0
−2
−4
0
−5
−10
−15
−20
−25
−30

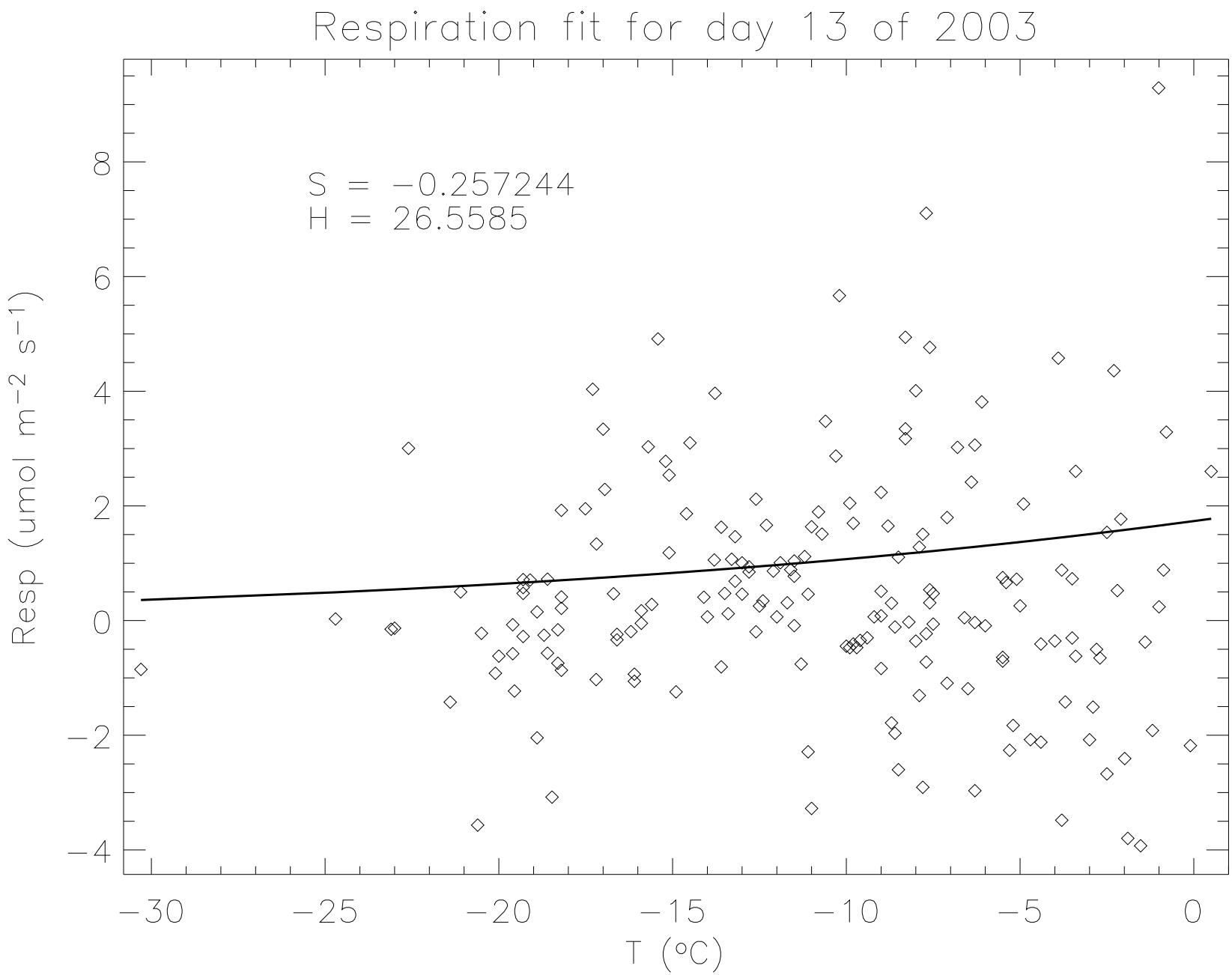

Respiration fit for day 8 of 2003
S = −0.257244
H = 26.5585
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
−30
−25
−20
−15
−10
−5
0
T (°C)

Respiration fit for day 9 of 2003
S = −0.257244
H = 26.5585
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
T (°C)
0
−5
−10
−15
−20
−25
−30

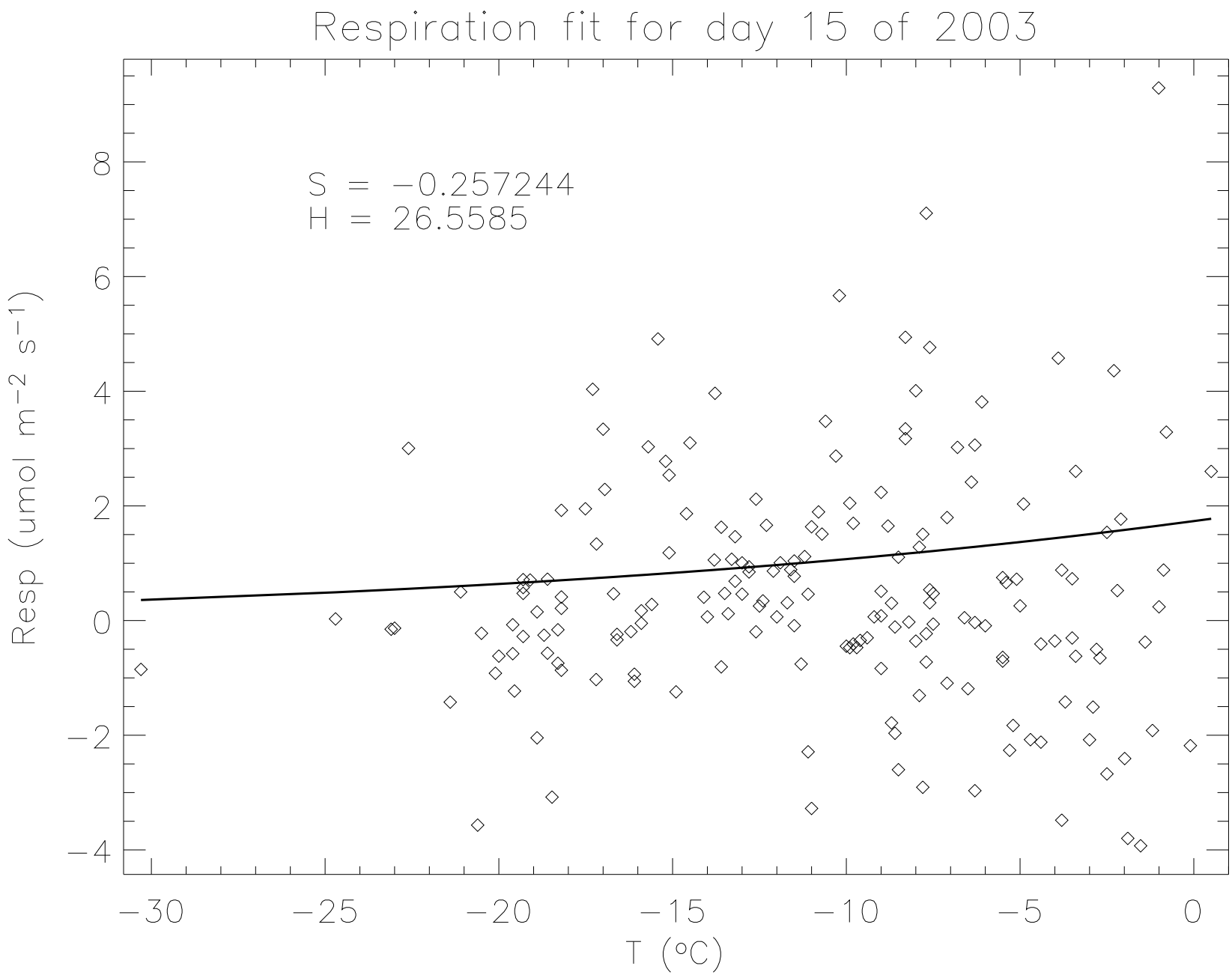
Respiration fit for day 10 of 2003
S = −0.257244
H = 26.5585
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
T (°C)
0
−5
−10
−15
−20
−25
−30


Respiration fit for day 11 of 2003
S = −0.257244
H = 26.5585
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
−30
−25
−20
−15
−10
−5
0
T (°C)

Respiration fit for day 12 of 2003
S = −0.257244
H = 26.5585
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
T (°C)
0
−5
−10
−15
−20
−25
−30

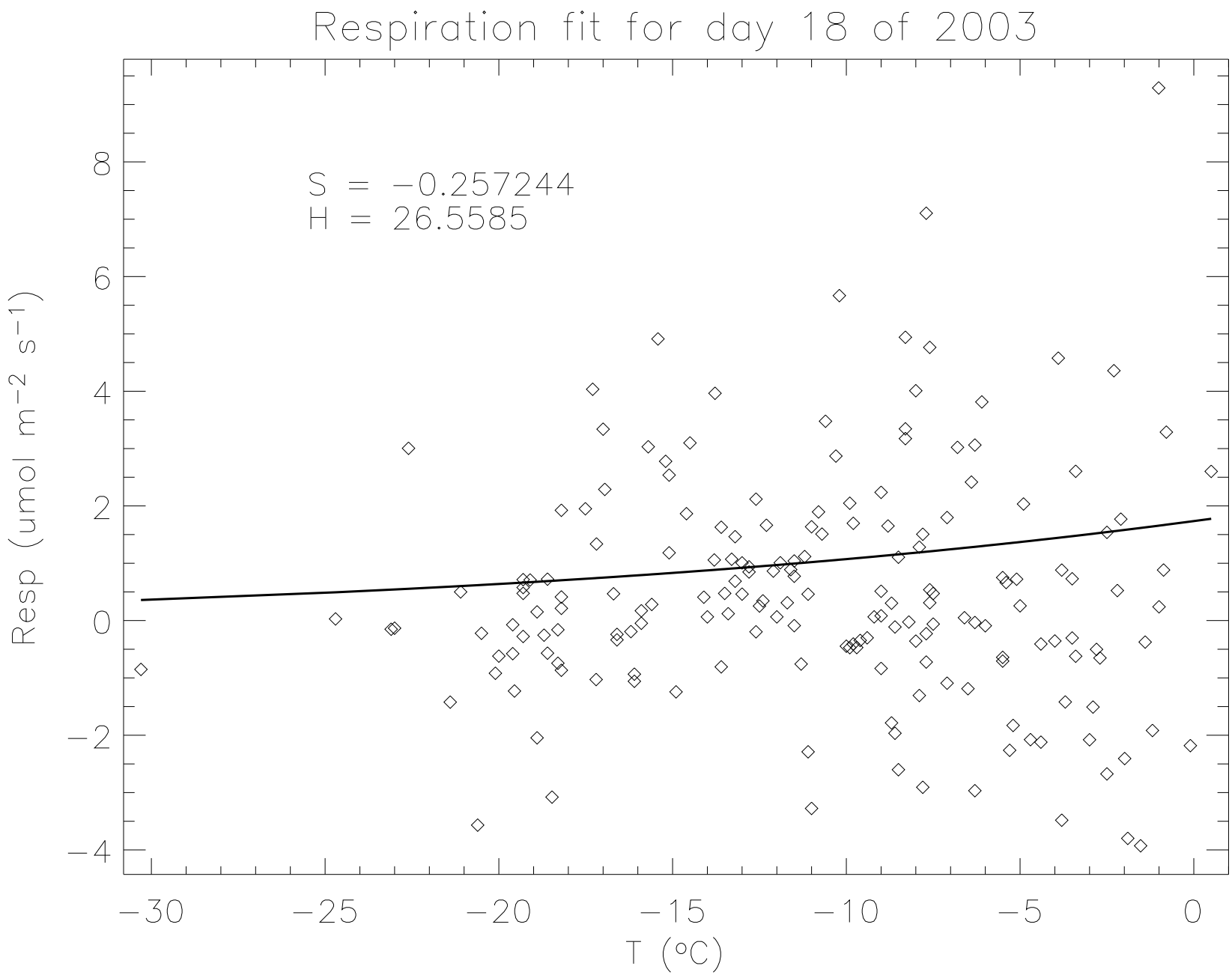

Respiration fit for day 13 of 2003
S = −0.257244
H = 26.5585
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
−30
−25
−20
−15
−10
−5
0
T (°C)

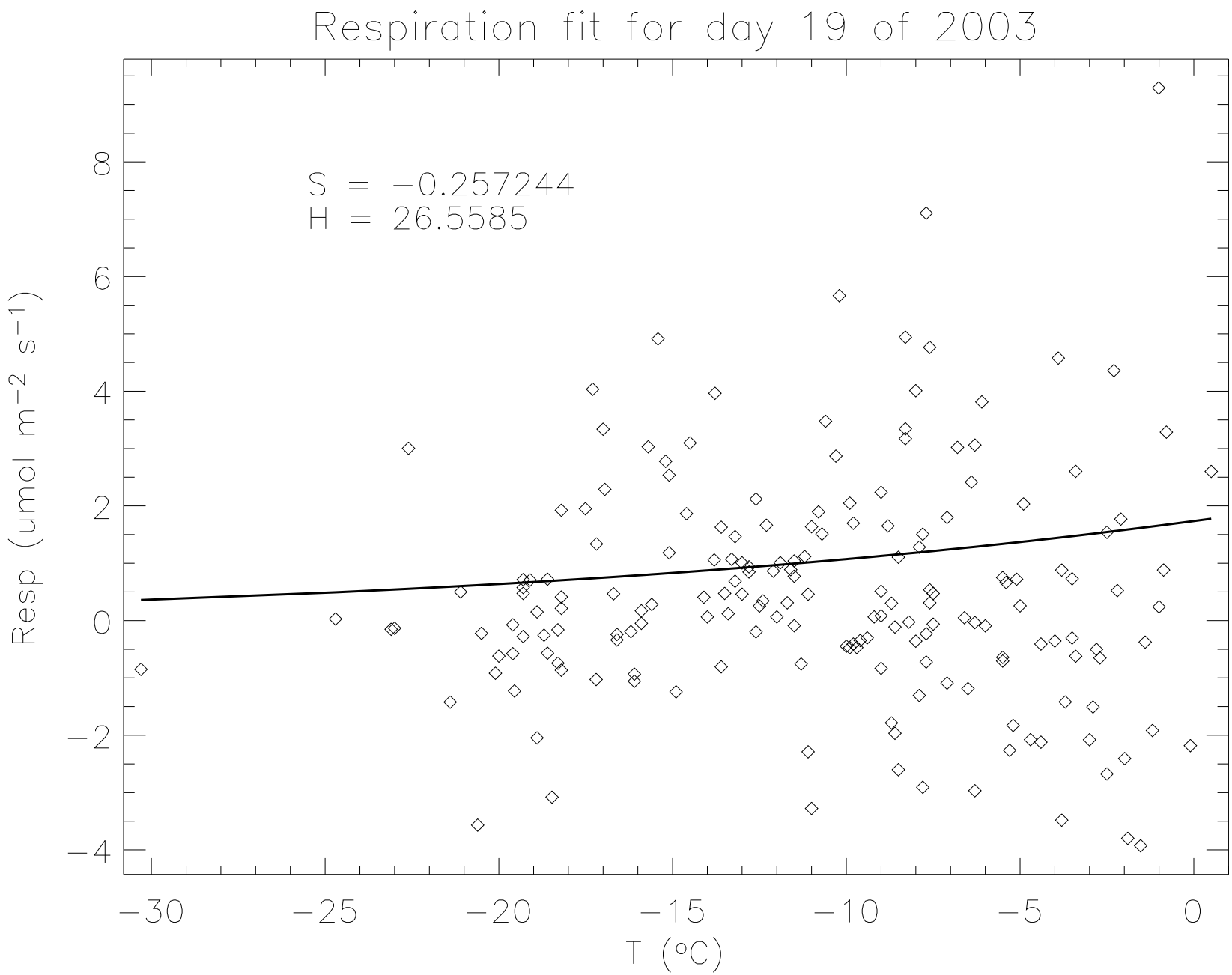
Respiration fit for day 14 of 2003
S = −0.257244
H = 26.5585
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
T (°C)
0
−5
−10
−15
−20
−25
−30

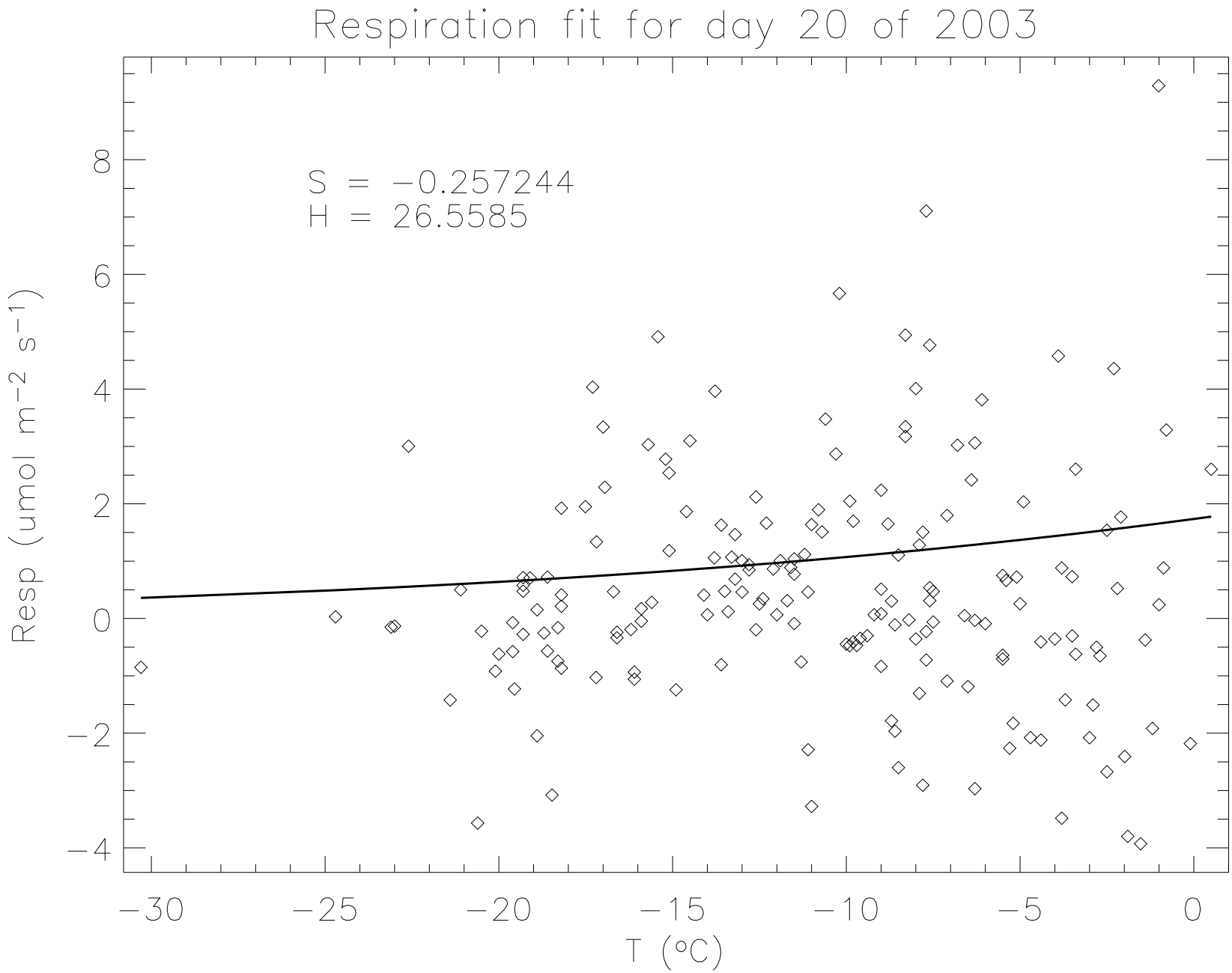

Respiration fit for day 15 of 2003
S = −0.257244
H = 26.5585
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
−30
−25
−20
−15
−10
−5
0
T (°C)

Respiration fit for day 16 of 2003
S = −0.257244
H = 26.5585
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
T (°C)
0
−5
−10
−15
−20
−25
−30

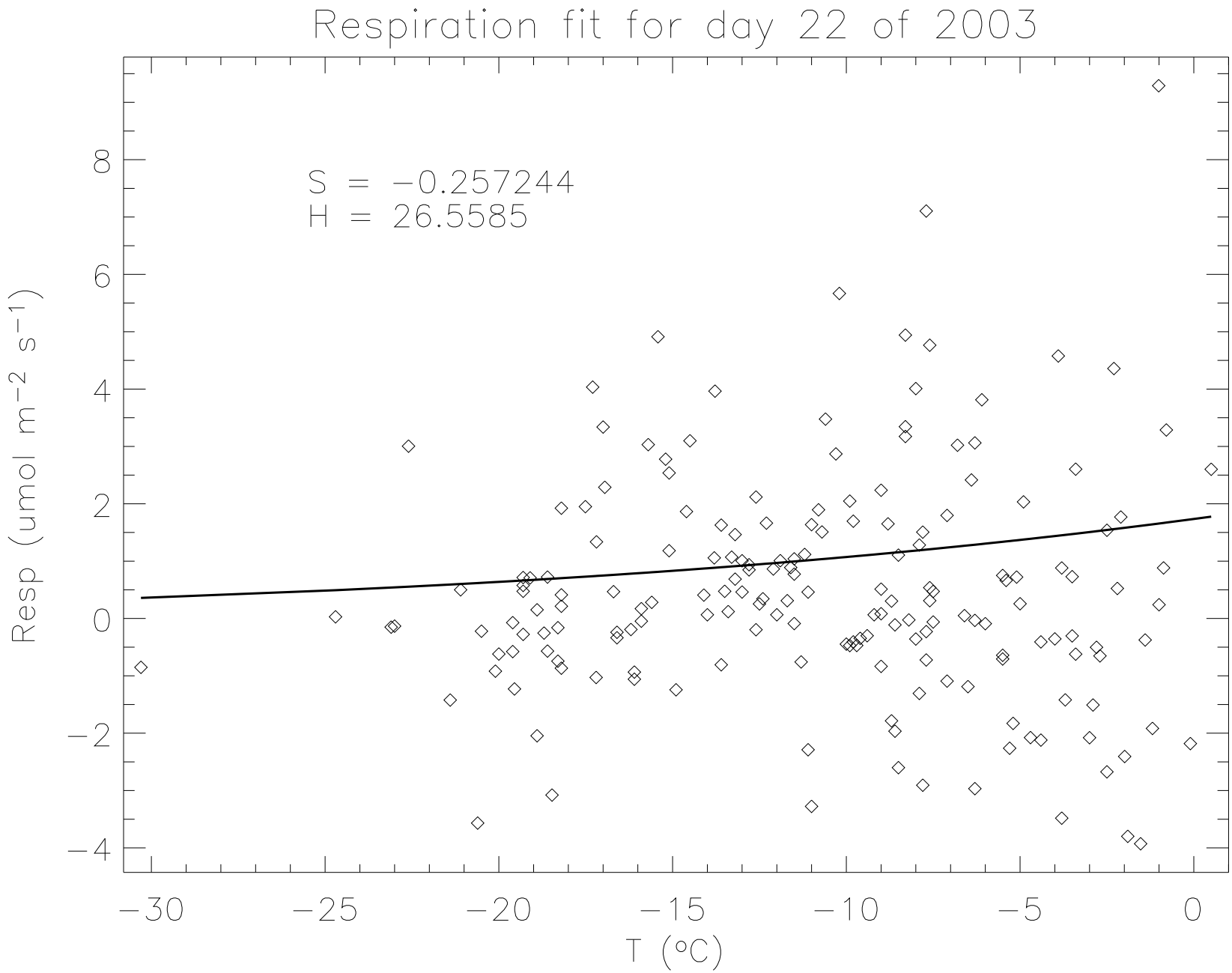
Respiration fit for day 17 of 2003
S = −0.257244
H = 26.5585
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
T (°C)
0
−5
−10
−15
−20
−25
−30


Respiration fit for day 18 of 2003
S = −0.257244
H = 26.5585
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
−30
−25
−20
−15
−10
−5
0
T (°C)


Respiration fit for day 19 of 2003
S = −0.257244
H = 26.5585
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
−30
−25
−20
−15
−10
−5
0
T (°C)

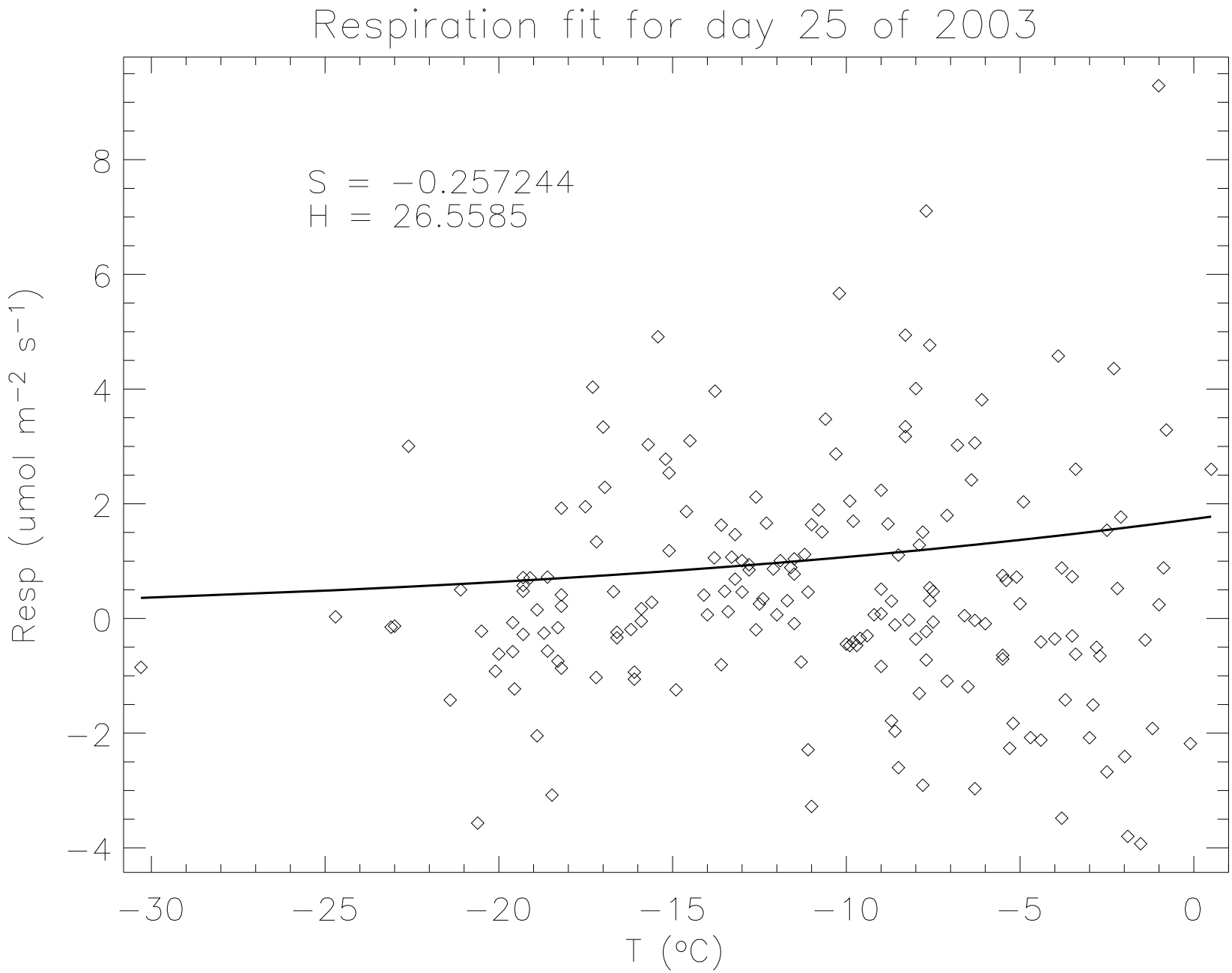

Respiration fit for day 20 of 2003
S = −0.257244
H = 26.5585
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
−30
−25
−20
−15
−10
−5
0
T (°C)

Respiration fit for day 21 of 2003
S = −0.257244
H = 26.5585
Resp (umol m−2 s−1)
T (°C)
8
6
4
2
0
−2
−4
0
−5
−10
−15
−20
−25
−30


Respiration fit for day 22 of 2003
S = −0.257244
H = 26.5585
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
−30
−25
−20
−15
−10
−5
0
T (°C)

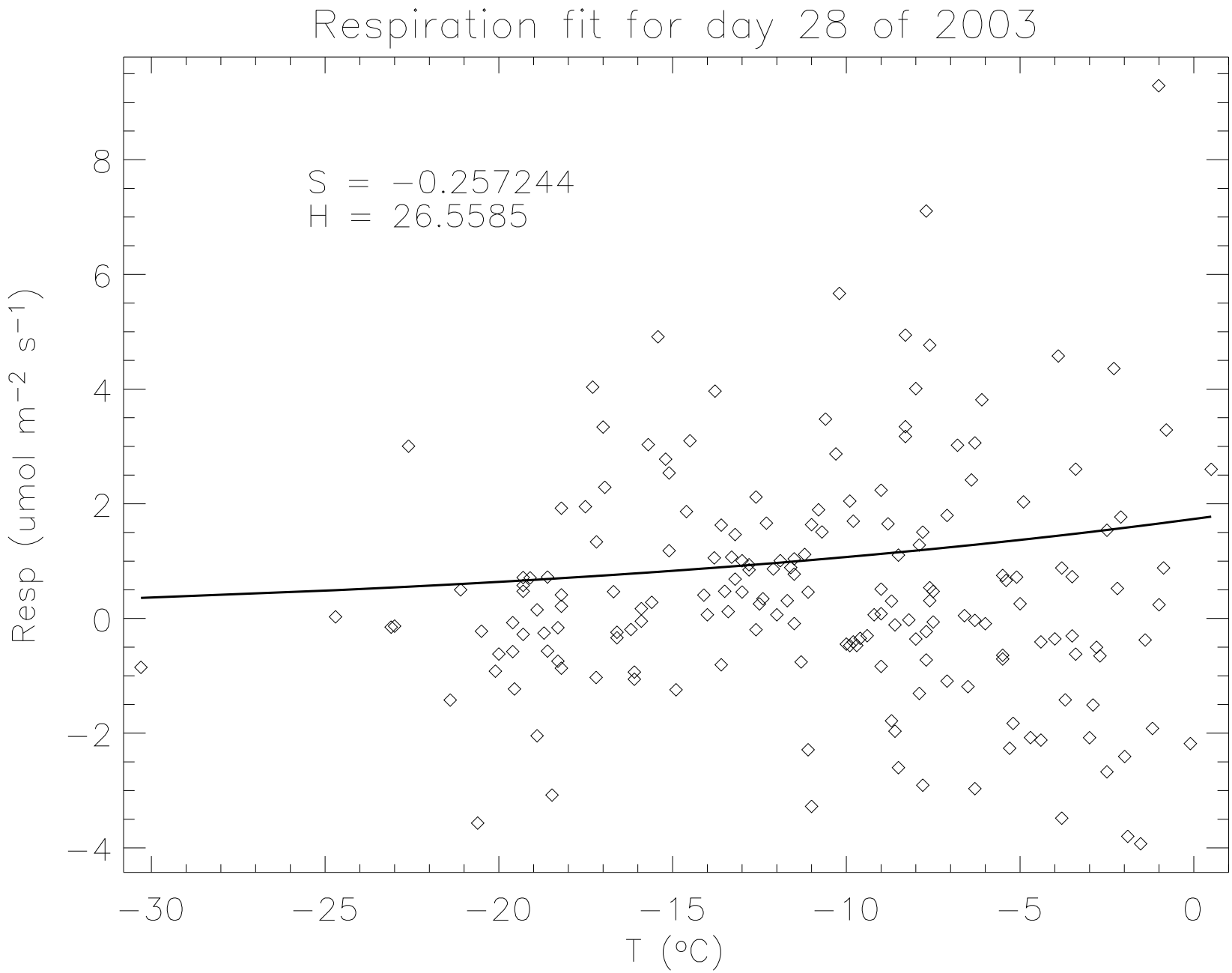
Respiration fit for day 23 of 2003
S = −0.257244
H = 26.5585
Resp (umol m−2 s−1)
T (°C)
8
6
4
2
0
−2
−4
0
−5
−10
−15
−20
−25
−30

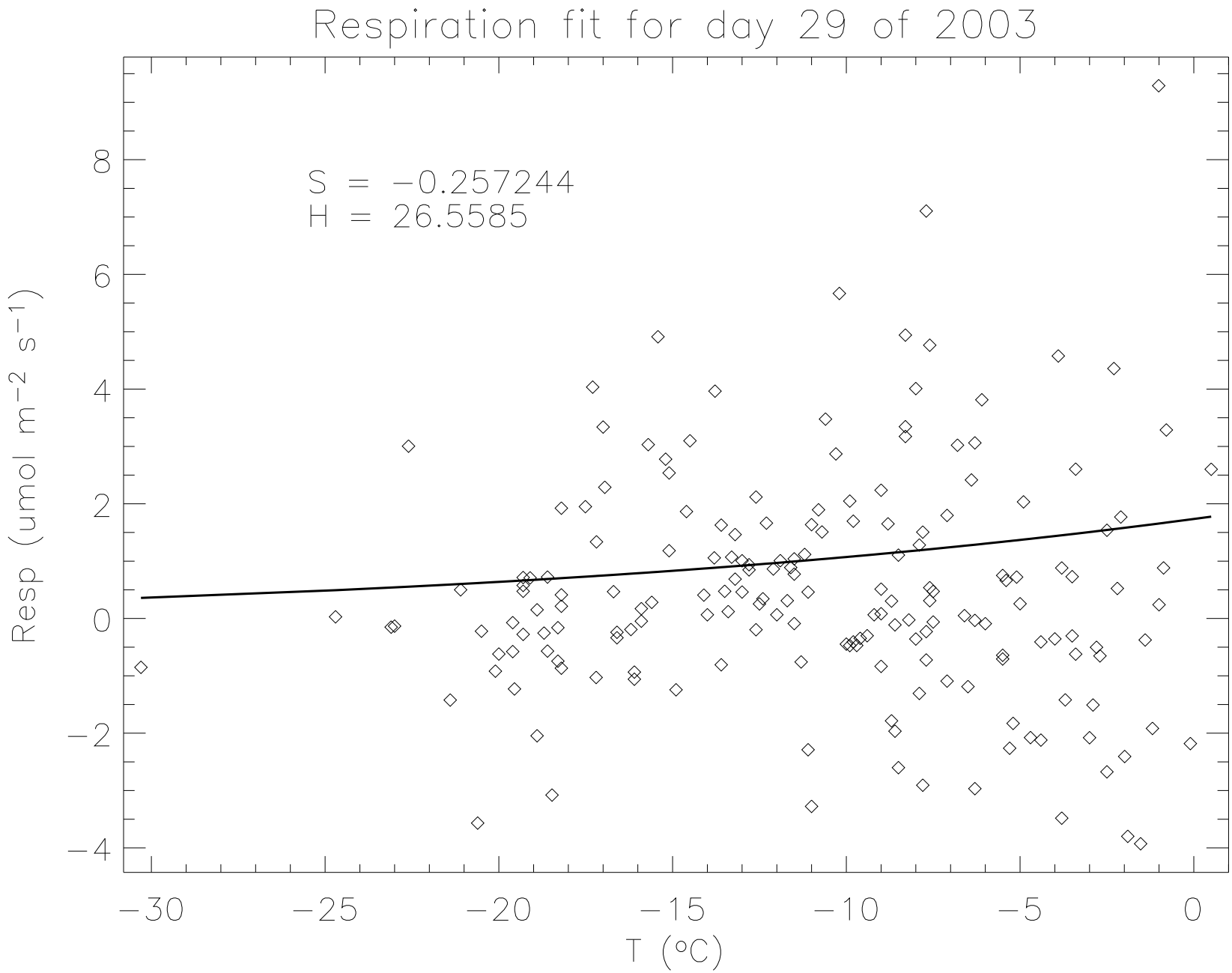
Respiration fit for day 24 of 2003
S = −0.257244
H = 26.5585
Resp (umol m−2 s−1)
T (°C)
8
6
4
2
0
−2
−4
0
−5
−10
−15
−20
−25
−30

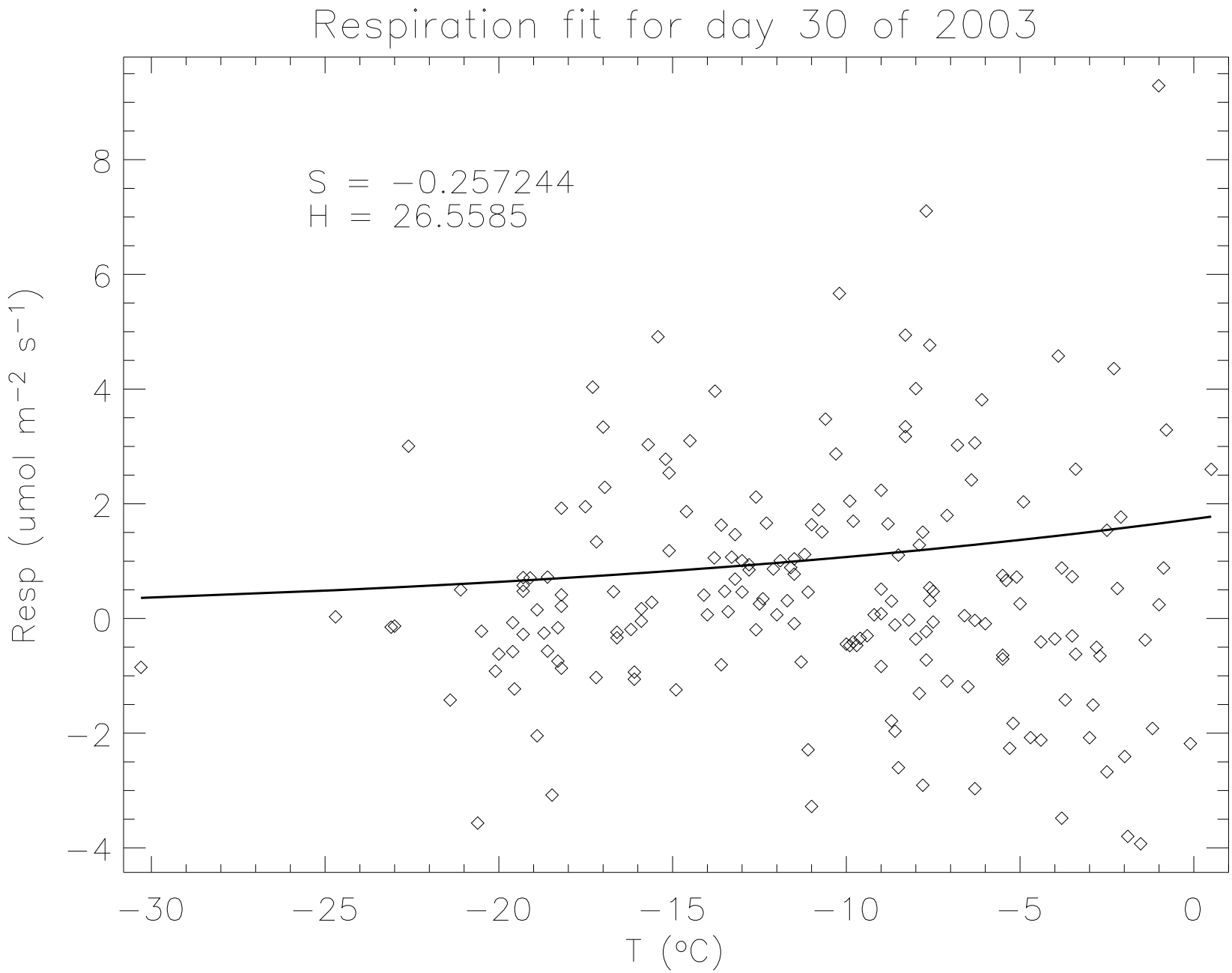

Respiration fit for day 25 of 2003
S = −0.257244
H = 26.5585
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
−30
−25
−20
−15
−10
−5
0
T (°C)

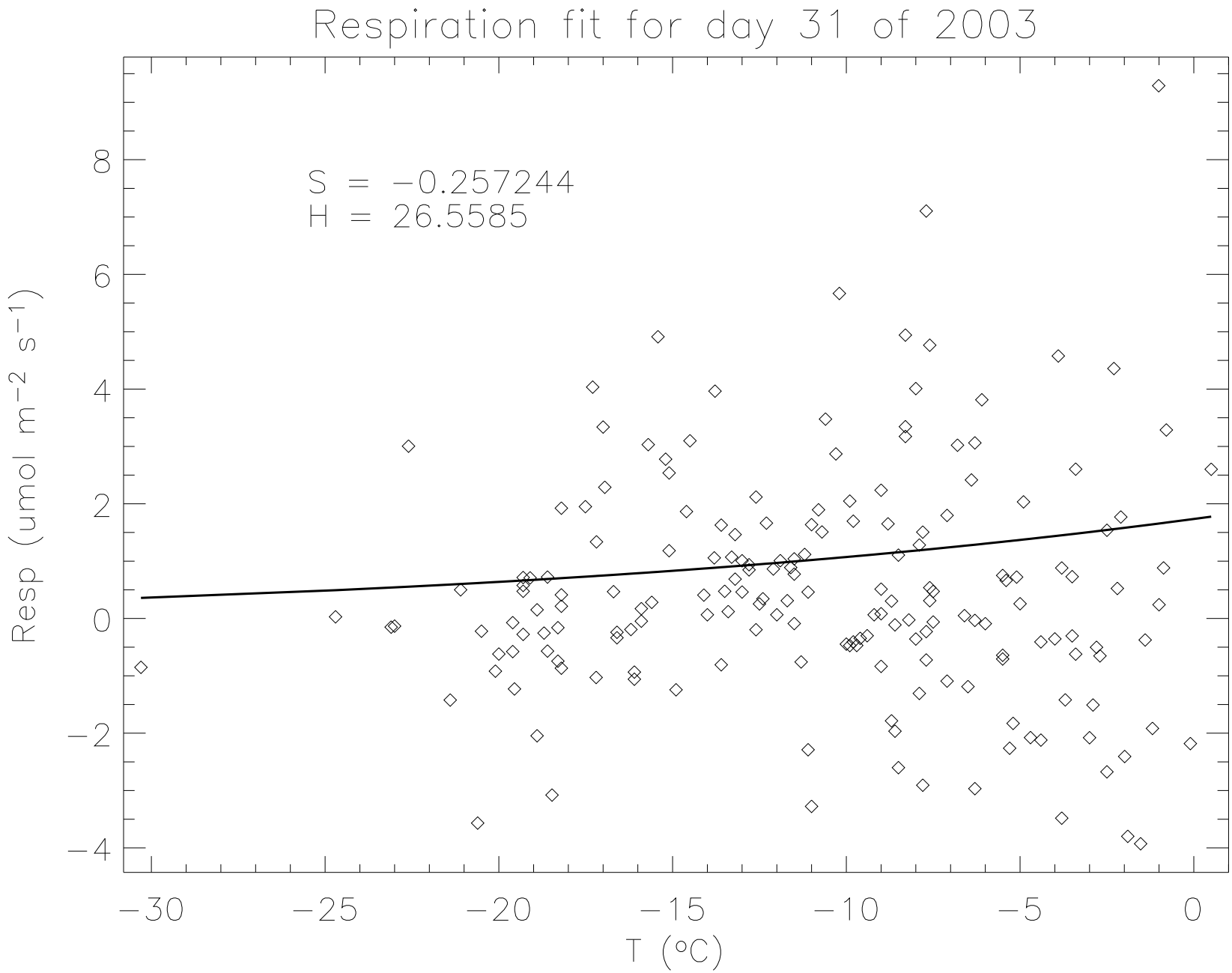
Respiration fit for day 26 of 2003
S = −0.257244
H = 26.5585
Resp (umol m−2 s−1)
T (°C)
8
6
4
2
0
−2
−4
0
−5
−10
−15
−20
−25
−30

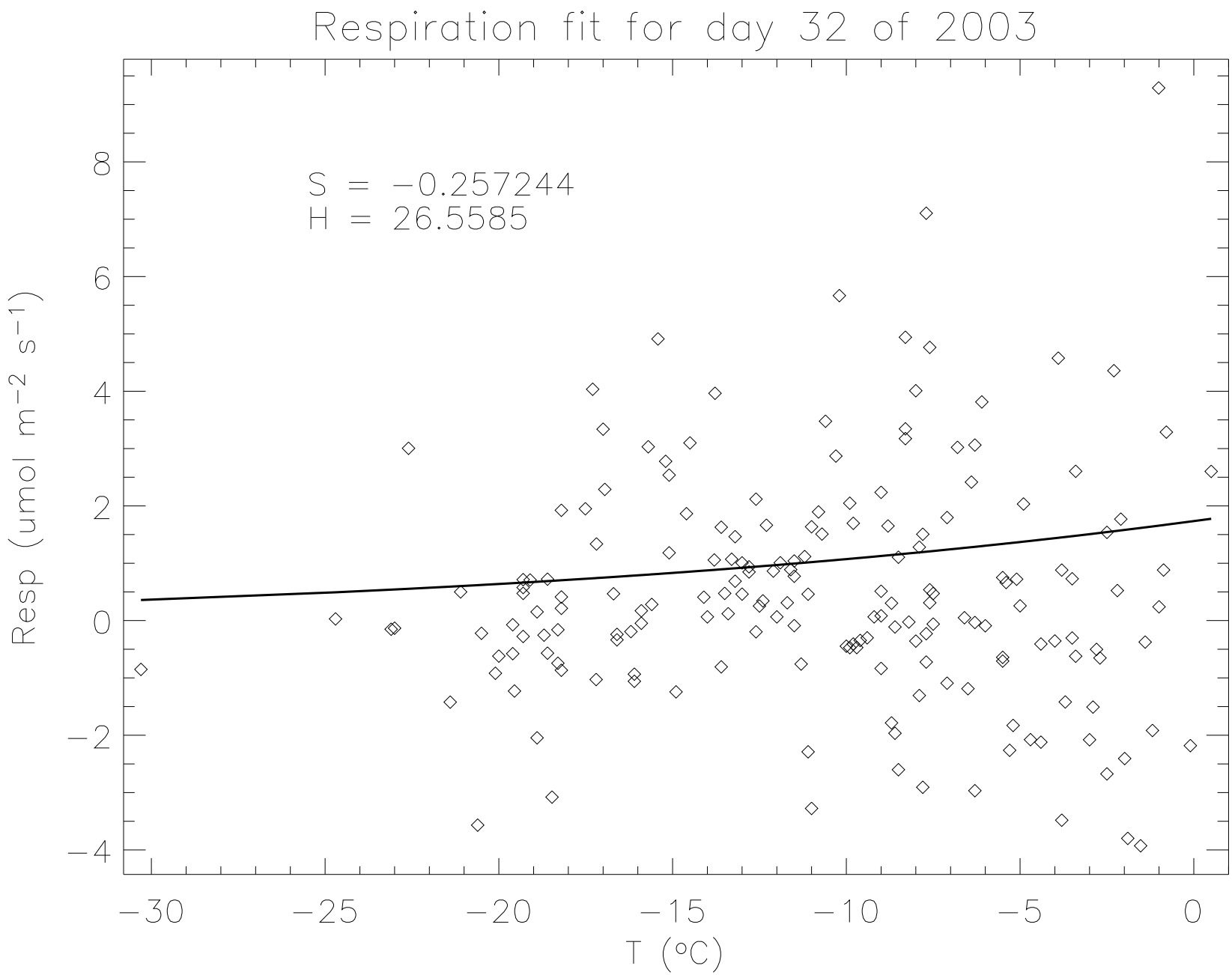
Respiration fit for day 27 of 2003
S = −0.257244
H = 26.5585
Resp (umol m−2 s−1)
T (°C)
8
6
4
2
0
−2
−4
0
−5
−10
−15
−20
−25
−30

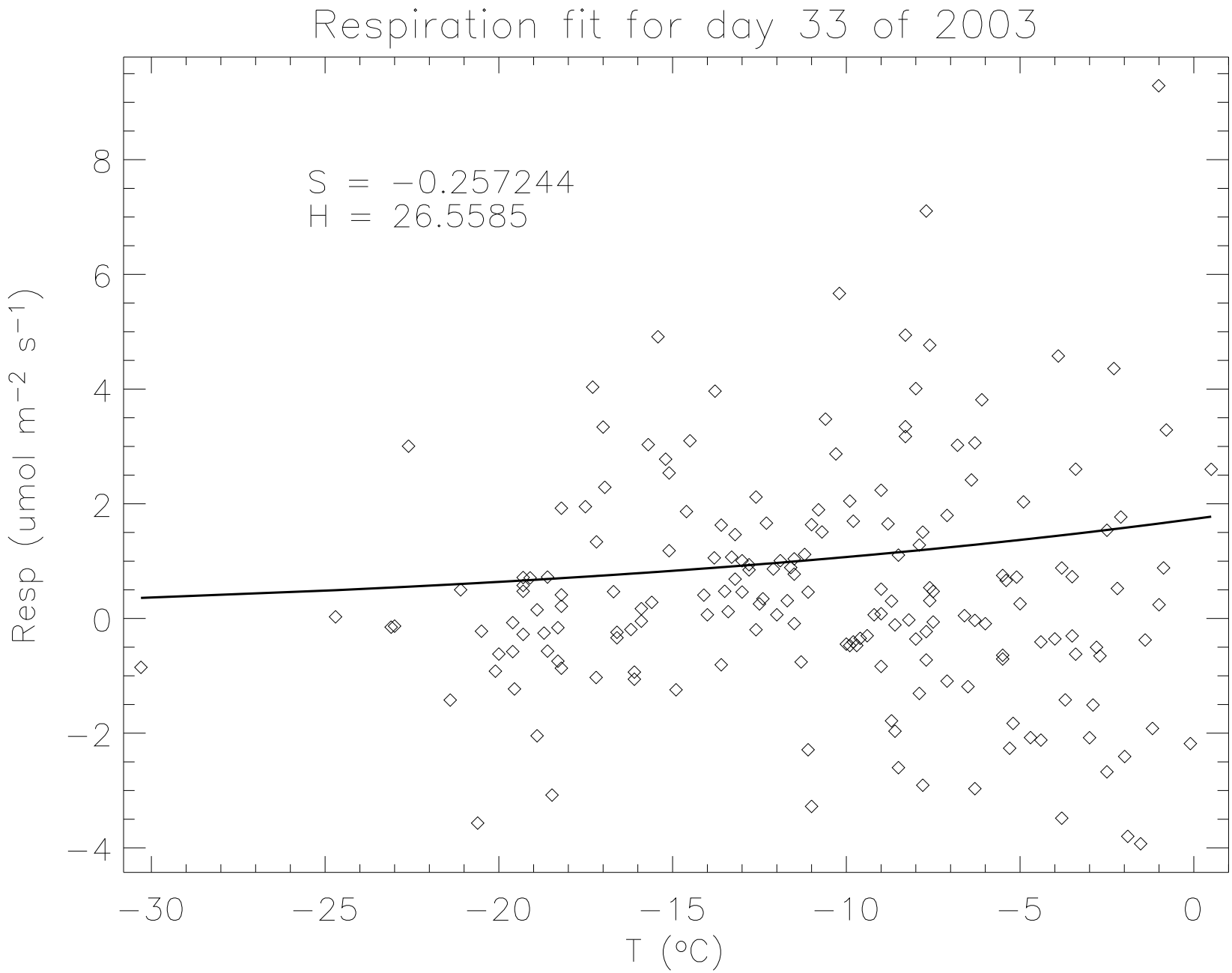

Respiration fit for day 28 of 2003
S = −0.257244
H = 26.5585
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
−30
−25
−20
−15
−10
−5
0
T (°C)

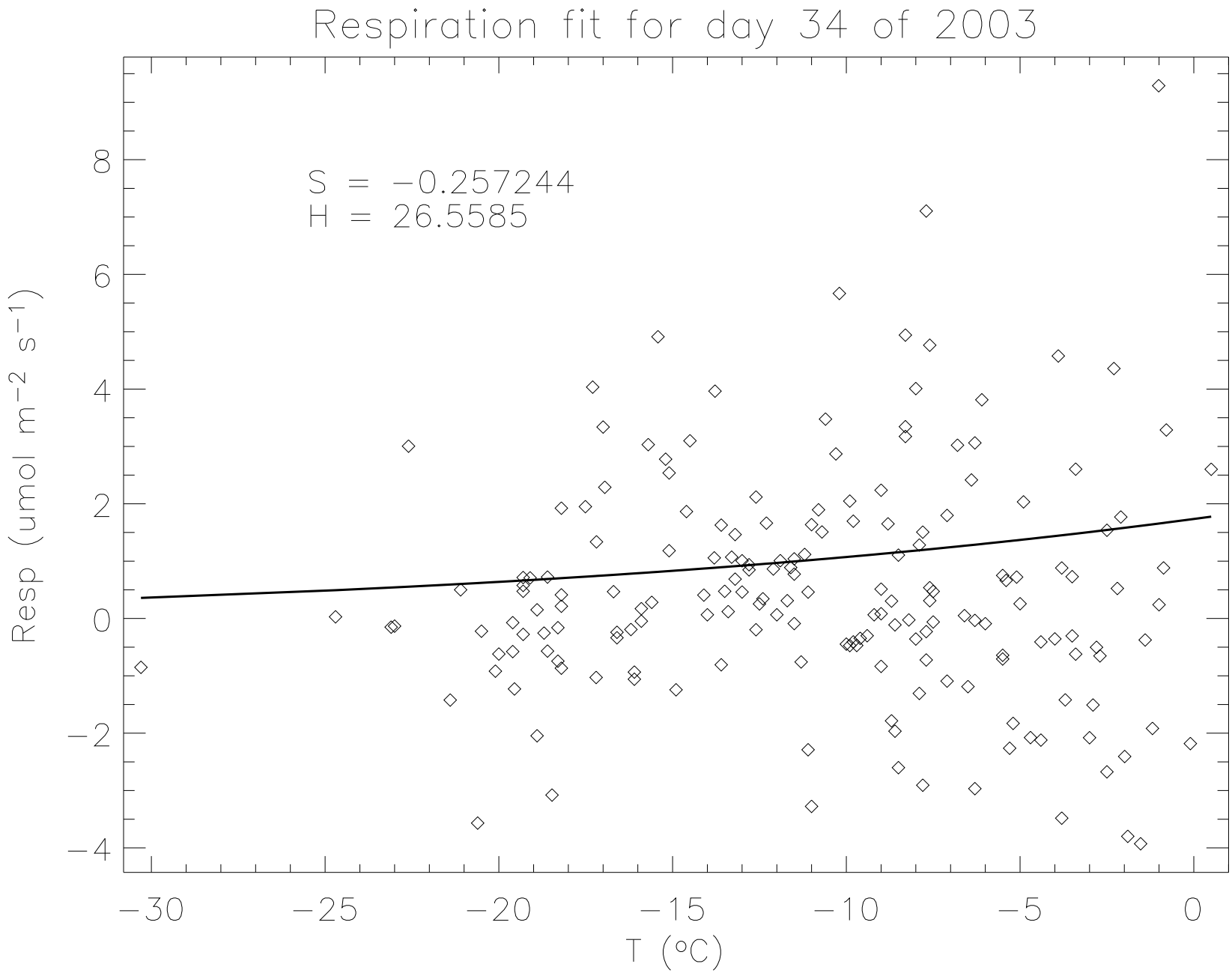

Respiration fit for day 29 of 2003
S = −0.257244
H = 26.5585
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
−30
−25
−20
−15
−10
−5
0
T (°C)

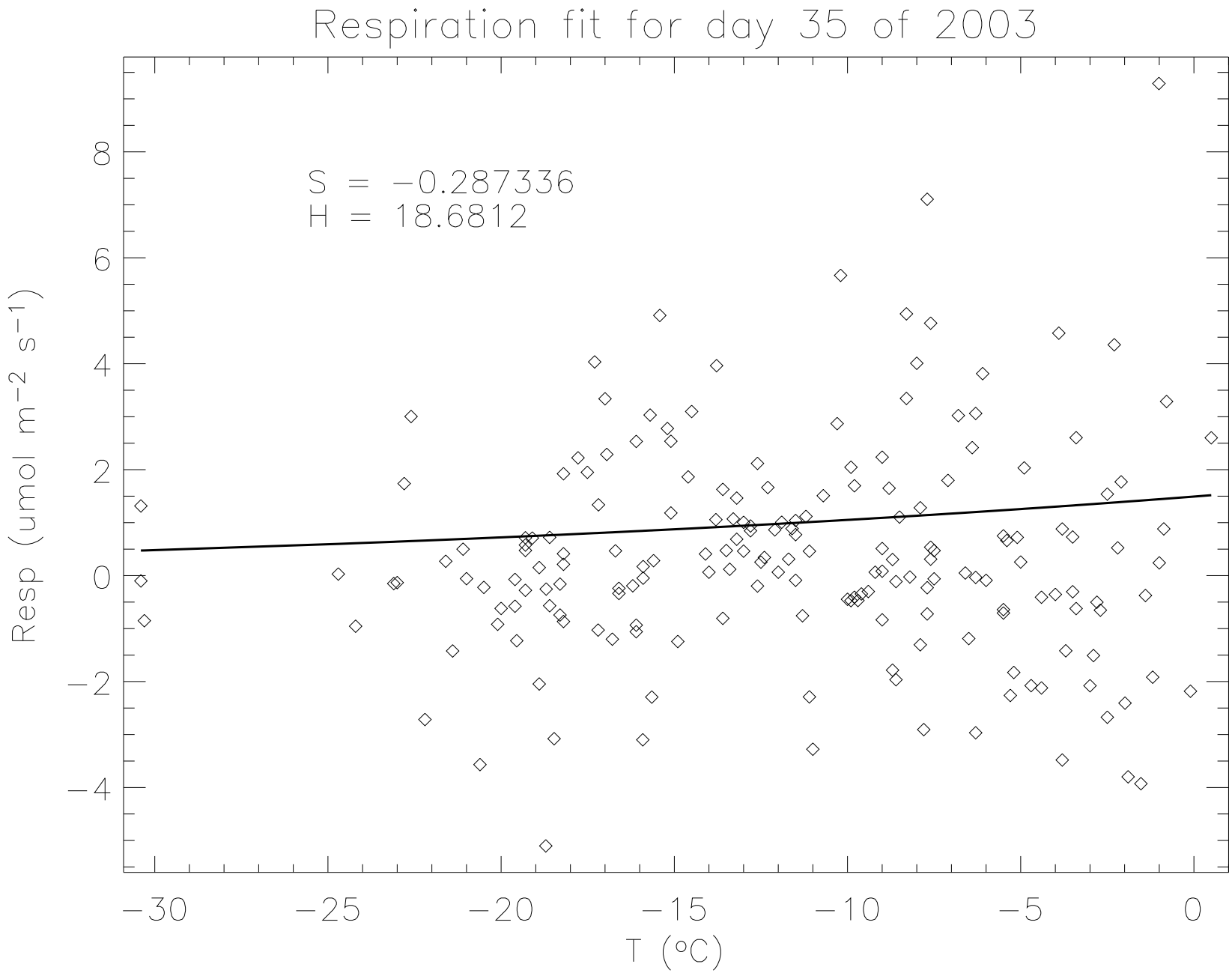

Respiration fit for day 30 of 2003
S = −0.257244
H = 26.5585
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
−30
−25
−20
−15
−10
−5
0
T (°C)


Respiration fit for day 31 of 2003
S = −0.257244
H = 26.5585
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
−30
−25
−20
−15
−10
−5
0
T (°C)


Respiration fit for day 32 of 2003
S = −0.257244
H = 26.5585
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
−30
−25
−20
−15
−10
−5
0
T (°C)

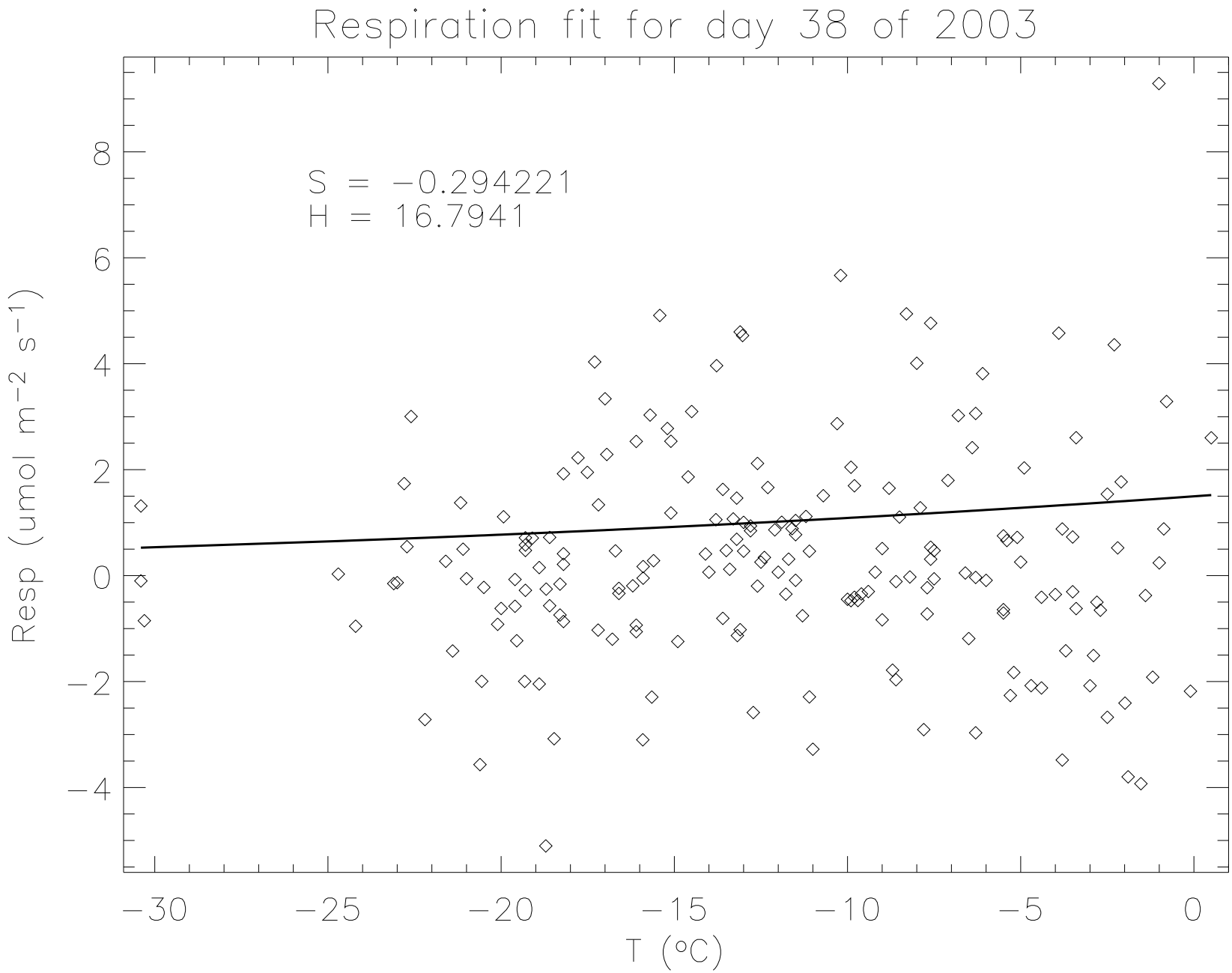

Respiration fit for day 33 of 2003
S = −0.257244
H = 26.5585
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
−30
−25
−20
−15
−10
−5
0
T (°C)


Respiration fit for day 34 of 2003
S = −0.257244
H = 26.5585
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
−30
−25
−20
−15
−10
−5
0
T (°C)


Respiration fit for day 35 of 2003
S = −0.287336
H = 18.6812
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
−30
−25
−20
−15
−10
−5
0
T (°C)

Respiration fit for day 36 of 2003
S = −0.294221
H = 16.7941
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
T (°C)
0
−5
−10
−15
−20
−25
−30

Respiration fit for day 37 of 2003
S = −0.294221
H = 16.7941
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
T (°C)
0
−5
−10
−15
−20
−25
−30


Respiration fit for day 38 of 2003
S = −0.294221
H = 16.7941
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
−30
−25
−20
−15
−10
−5
0
T (°C)

Respiration fit for day 39 of 2003
S = −0.2942221
H = 16.7941
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
T (°C)
0
−5
−10
−15
−20
−25
−30

Respiration fit for day 40 of 2003
S = −0.294221
H = 16.7941
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
T (°C)
0
−5
−10
−15
−20
−25
−30

Respiration fit for day 41 of 2003
S = −0.294221
H = 16.7941
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
T (°C)
0
−5
−10
−15
−20
−25
−30

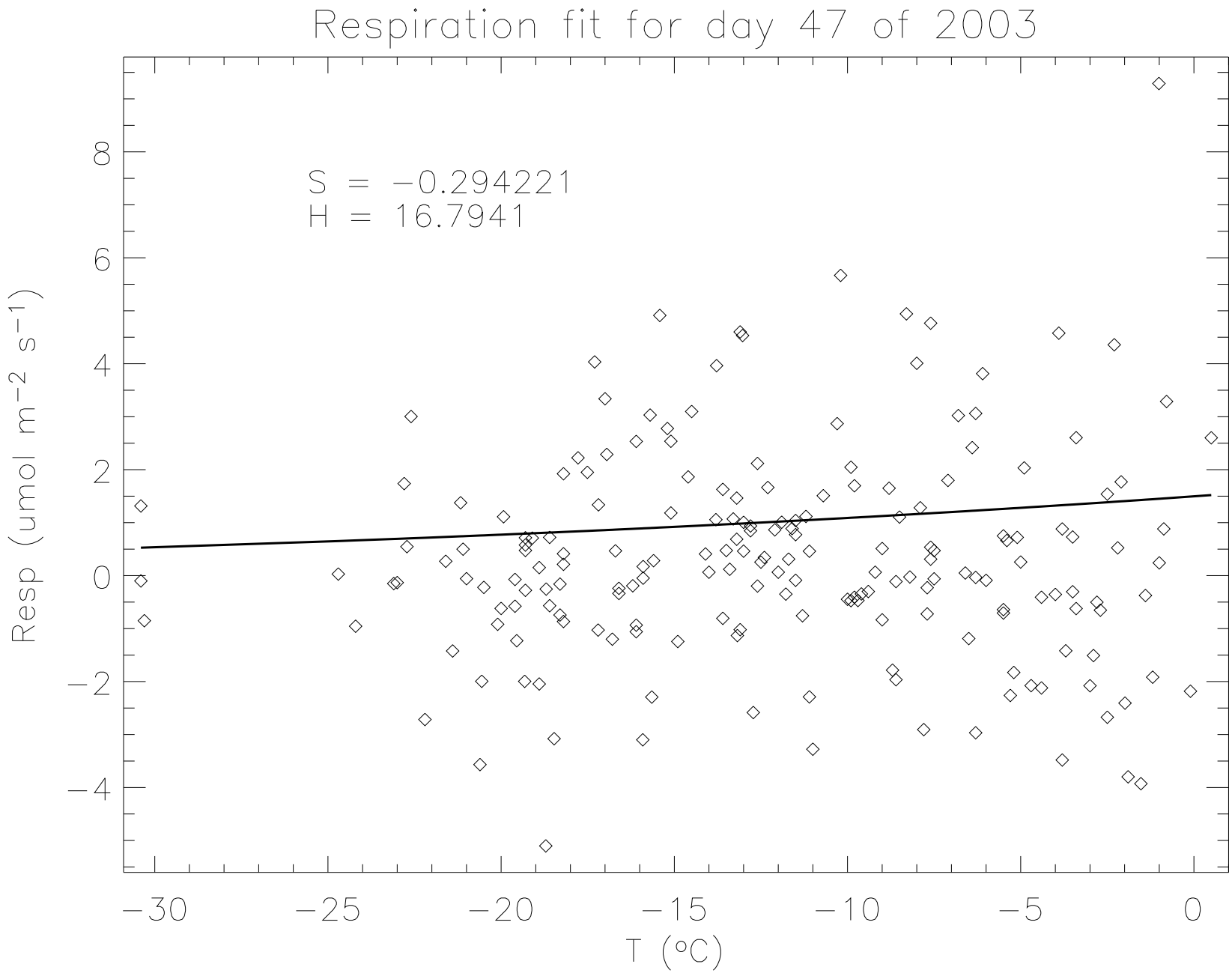
Respiration fit for day 42 of 2003
S = −0.294221
H = 16.7941
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
T (°C)
0
−5
−10
−15
−20
−25
−30

Respiration fit for day 43 of 2003
S = −0.294221
H = 16.7941
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
T (°C)
0
−5
−10
−15
−20
−25
−30

Respiration fit for day 44 of 2003
S = −0.294221
H = 16.7941
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
T (°C)
0
−5
−10
−15
−20
−25
−30

Respiration fit for day 45 of 2003
S = −0.294221
H = 16.7941
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
T (°C)
0
−5
−10
−15
−20
−25
−30

Respiration fit for day 46 of 2003
S = −0.294221
H = 16.7941
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
T (°C)
0
−5
−10
−15
−20
−25
−30


Respiration fit for day 47 of 2003
S = −0.294221
H = 16.7941
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
−30
−25
−20
−15
−10
−5
0
T (°C)

Respiration fit for day 48 of 2003
S = −0.294221
H = 16.7941
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
T (°C)
0
−5
−10
−15
−20
−25
−30

Respiration fit for day 49 of 2003
S = −0.294221
H = 16.7941
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
T (°C)
0
−5
−10
−15
−20
−25
−30

Respiration fit for day 50 of 2003
S = −0.294221
H = 16.7941
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
T (°C)
0
−5
−10
−15
−20
−25
−30

Respiration fit for day 51 of 2003
S = −0.294221
H = 16.7941
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
T (°C)
0
−5
−10
−15
−20
−25
−30

Respiration fit for day 52 of 2003
S = −0.294221
H = 16.7941
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
T (°C)
0
−5
−10
−15
−20
−25
−30

Respiration fit for day 53 of 2003
S = −0.294221
H = 16.7941
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
T (°C)
0
−5
−10
−15
−20
−25
−30

Respiration fit for day 54 of 2003
S = −0.294221
H = 16.7941
Resp (umol m−2 s−1)
T (°C)
8
6
4
2
0
−2
−4
0
−5
−10
−15
−20
−25
−30

Respiration fit for day 55 of 2003
S = −0.358806
H = −0.00000
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
T (°C)
0
−5
−10
−15
−20
−25
−30

Respiration fit for day 56 of 2003
S = −0.359060
H = −0.00000
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
T (°C)
0
−5
−10
−15
−20
−25
−30

Respiration fit for day 57 of 2003
S = −0.358860
H = −0.000000
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
T (°C)
0
−5
−10
−15
−20
−25
−30

Respiration fit for day 58 of 2003
S = −0.306808
H = 13.5925
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
T (°C)
0
−10
−20
−30

Respiration fit for day 59 of 2003
S = −0.358859
H = −0.00000
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
T (°C)
10
0
−10
−20
−30

Respiration fit for day 60 of 2003
S = −0.358878
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
8
6
4
2
0
−2
−4
10
0
−10
−20
−30

Respiration fit for day 61 of 2003
S = −0.326696
H = 8.49547
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
T (°C)
10
0
−10
−20
−30

Respiration fit for day 62 of 2003
S = −0.358905
H = −0.00000
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
T (°C)
10
0
−10
−20
−30

Respiration fit for day 63 of 2003
S = −0.359174
H = −0.00000
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
T (°C)
10
0
−10
−20
−30

Respiration fit for day 64 of 2003
S = −0.359203
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
8
6
4
2
0
−2
−4
10
0
−10
−20
−30

Respiration fit for day 65 of 2003
S = −0.3594473
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
8
6
4
2
0
−2
−4
10
0
−10
−20
−30

Respiration fit for day 66 of 2003
S = −0.359591
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
−30
−20
−10
0
10
−4
−2
0
2
4
6
8

Respiration fit for day 67 of 2003
S = −0.359815
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
−30
−20
−10
0
10
−6
−4
−2
0
2
4
6

Respiration fit for day 68 of 2003
Resp (umol m−2 s−1)
T (°C)
S = −0.359372
H = −0.00000
6
4
2
0
−2
−4
−6
10
0
−10
−20
−30

Respiration fit for day 69 of 2003
Resp (umol m$^{-2}$ s$^{-1}$)
T (°C)
S = −0.3593567
H = −0.00000
6
4
2
0
−2
−4
−6
−30
−20
−10
0
10

Respiration fit for day 70 of 2003
S = −0.359066
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
6
4
2
0
−2
−4
−6
−30
−20
−10
0
10

Respiration fit for day 71 of 2003
Resp (umol m$^{-2}$ s$^{-1}$)
T (°C)
S = −0.358982
H = −0.00000
6
4
2
0
−2
−4
−6
−30
−20
−10
0
10

Respiration fit for day 72 of 2003
S = −0.358546
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
6
4
2
0
−2
−4
−6
−30
−20
−10
0
10

Respiration fit for day 73 of 2003
S = −0.358559
H = −0.00000
Resp (umol m−2 s−1)
6
4
2
0
−2
−4
−6
T (°C)
−30
−20
−10
0
10

Respiration fit for day 74 of 2003
Resp (umol m$^{-2}$ s$^{-1}$)
T (°C)
S = −0.358525
H = −0.00000
6
4
2
0
−2
−4
−6
10
0
−10
−20
−30

Respiration fit for day 75 of 2003
S = −0.355881
H = −0.00000
Resp (umol m−2 s−1)
6
4
2
0
−2
−4
−6
T (°C)
−30
−20
−10
0
10

Respiration fit for day 76 of 2003
S = −0.358464
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
−30
−20
−10
0
10
−6
−4
−2
0
2
4
6

Respiration fit for day 77 of 2003
S = −0.358841
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
6
4
2
0
−2
−4
−6
−30
−20
−10
0
10

Respiration fit for day 78 of 2003
S = −0.358682
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
6
4
2
0
−2
−4
−6
−30
−20
−10
0
10

Respiration fit for day 79 of 2003
S = −0.358779
H = −0.00000
Resp (umol m−2 s−1)
6
4
2
0
−2
−4
−6
T (°C)
10
0
−10
−20
−30

Respiration fit for day 80 of 2003
S = −0.358779
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
6
4
2
0
−2
−4
−6
−30
−20
−10
0
10

Respiration fit for day 81 of 2003
S = −0.558812
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
6
4
2
0
−2
−4
−6
−30
−20
−10
0
10

Respiration fit for day 82 of 2003
S = −0.358709
H = −0.00000
Resp (umol m−2 s−1)
6
4
2
0
−2
−4
−6
T (°C)
10
0
−10
−20
−30

Respiration fit for day 83 of 2003
S = −0.358806
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
6
4
2
0
−2
−4
−6
−30
−20
−10
0
10

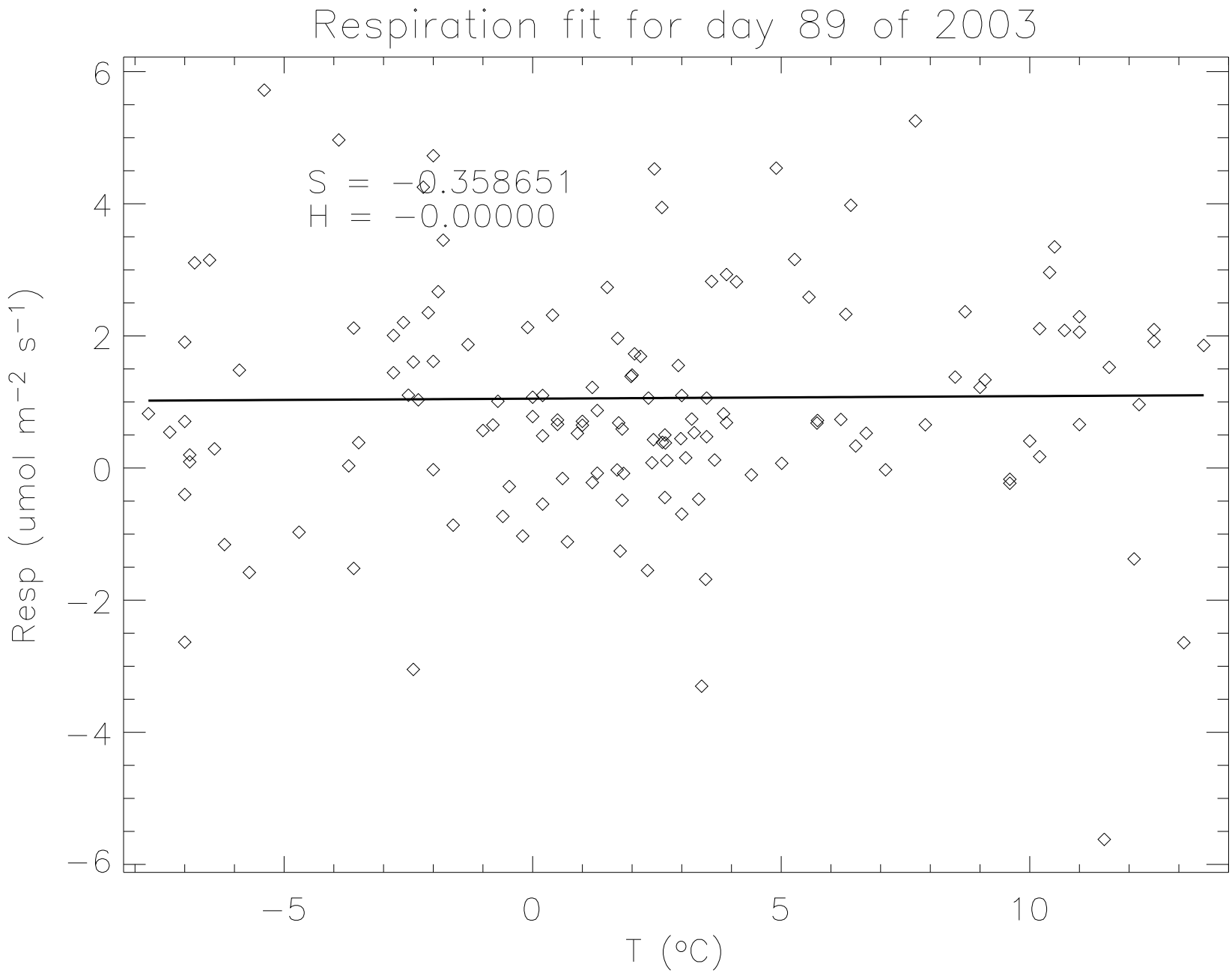
Respiration fit for day 84 of 2003
S = −0.358908
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
−20
−10
0
10
−6
−4
−2
0
2
4
6

Respiration fit for day 85 of 2003
S = −0.3591277
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
10
−6
−4
−2
0
2
4
6

Respiration fit for day 86 of 2003
S = −0.358928
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
6
4
2
0
−2
−4
−6
10
5
0
−5
−10

Respiration fit for day 87 of 2003
S = -0.358651
H = -0.00000
Resp (umol m-2 s-1)
T (°C)
-5
0
5
10
-6
-4
-2
0
2
4
6

Respiration fit for day 88 of 2003
S = -0.358651
H = -0.00000
Resp (umol m-2 s-1)
T (°C)
-5
0
5
10
-6
-4
-2
0
2
4
6


Respiration fit for day 89 of 2003
S = −0.358651
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
6
4
2
0
−2
−4
−6
−5
0
5
10

Respiration fit for day 90 of 2003
S = -0.358651
H = -0.00000
Resp (umol m-2 s-1)
T (°C)
-5
0
5
10
-6
-4
-2
0
2
4
6

Respiration fit for day 91 of 2003
S = -0.358651
H = -0.00000
Resp (umol m-2 s-1)
T (°C)
-5
0
5
10
-6
-4
-2
0
2
4
6

Respiration fit for day 92 of 2003
S = −0.358651
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
−6
−4
−2
0
2
4
6

Respiration fit for day 93 of 2003
S = -0.358651
H = -0.00000
Resp (umol m-2 s-1)
T (°C)
-5
0
5
10
-6
-4
-2
0
2
4
6

Respiration fit for day 94 of 2003
S = -0.358651
H = -0.00000
Resp (umol m-2 s-1)
T (°C)
-5
0
5
10
-6
-4
-2
0
2
4
6

Respiration fit for day 95 of 2003
S = -0.358651
H = -0.00000
Resp (umol m-2 s-1)
T (°C)
-5
0
5
10
-6
-4
-2
0
2
4
6

Respiration fit for day 96 of 2003
S = -0.358651
H = -0.00000
Resp (umol m-2 s-1)
T (°C)
-5
0
5
10
-6
-4
-2
0
2
4
6

Respiration fit for day 97 of 2003
S = -0.358651
H = -0.00000
Resp (umol m-2 s-1)
T (°C)
-5
0
5
10
-6
-4
-2
0
2
4
6

Respiration fit for day 98 of 2003
S = -0.358651
H = -0.00000
Resp (umol m-2 s-1)
T (°C)
-5
0
5
10
-6
-4
-2
0
2
4
6

Respiration fit for day 99 of 2003
S = -0.358651
H = -0.00000
Resp (umol m-2 s-1)
T (°C)
-5
0
5
10
-6
-4
-2
0
2
4
6

Respiration fit for day 100 of 2003
S = −0.358770
H = −0.000000
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
−6
−4
−2
0
2
4
6

Respiration fit for day 101 of 2003
S = −0.2864356
H = 19.85514
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
−6
−4
−2
0
2
4
6

Respiration fit for day 102 of 2003
S = −0.257252
H = 27.9463
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
−6
−4
−2
0
2
4
6

Respiration fit for day 103 of 2003
S = −0.2549688
H = 28.4792
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
−6
−4
−2
0
2
4
6

Respiration fit for day 104 of 2003
S = −0.249128
H = 30.0450
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
−6
−4
−2
0
2
4
6

Respiration fit for day 105 of 2003
S = −0.2521811
H = 29.2557
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
−2
0
2
4
6

Respiration fit for day 106 of 2003
S = −0.256256
H = 28.0519
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
−2
0
2
4
6

Respiration fit for day 107 of 2003
S = −0.254719
H = 28.2756
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
−6
−4
−2
0
2
4
6

Respiration fit for day 108 of 2003
S = −0.254315
H = 28.3704
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
−6
−4
−2
0
2
4
6

Respiration fit for day 109 of 2003
S = −0.251601
H = 29.0663
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
−6
−4
−2
0
2
4
6

Respiration fit for day 110 of 2003
Resp (umol m-2 s-1)
T (°C)
S = −0.240149
H = 32.2217
−5
0
5
10
15
−6
−4
−2
0
2
4
6

Respiration fit for day 111 of 2003
S = −0.231105
H = 34.7066
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
−2
0
2
4
6

Respiration fit for day 112 of 2003
S = −0.2270443
H = 35.8113
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
−2
0
2
4
6

Respiration fit for day 113 of 2003
S = −0.228453
H = 35.4199
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
−2
0
2
4
6

Respiration fit for day 114 of 2003
Resp (umol m-2 s-1)
T (°C)
S = −0.228325
H = 35.4517
−5
0
5
10
15
−2
0
2
4
6

Respiration fit for day 115 of 2003
S = −0.229681
H = 35.0786
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
−2
0
2
4
6

Respiration fit for day 116 of 2003
S = −0.223052
H = 36.9676
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
−2
0
2
4
6

Respiration fit for day 117 of 2003
S = −0.223052
H = 36.9676
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
−2
0
2
4
6

Respiration fit for day 118 of 2003
S = −0.182879
H = 48.2841
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
0
5
10
15
20

Respiration fit for day 119 of 2003
S = −0.150474
H = 57.4365
Resp (umol m−2 s−1)
0
5
10
15
20
T (°C)
−5
0
5
10
15

Respiration fit for day 120 of 2003
S = −0.143979
H = 59.2132
Resp (umol m−2 s−1)
T (°C)
20
15
10
5
0
−5
0
5
10
15

Respiration fit for day 121 of 2003
S = −0.157291
H = 55.4563
Resp (umol m−2 s−1)
0
5
10
15
20
T (°C)
0
5
10
15

Respiration fit for day 122 of 2003
S = −0.158299
H = 55.1614
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20

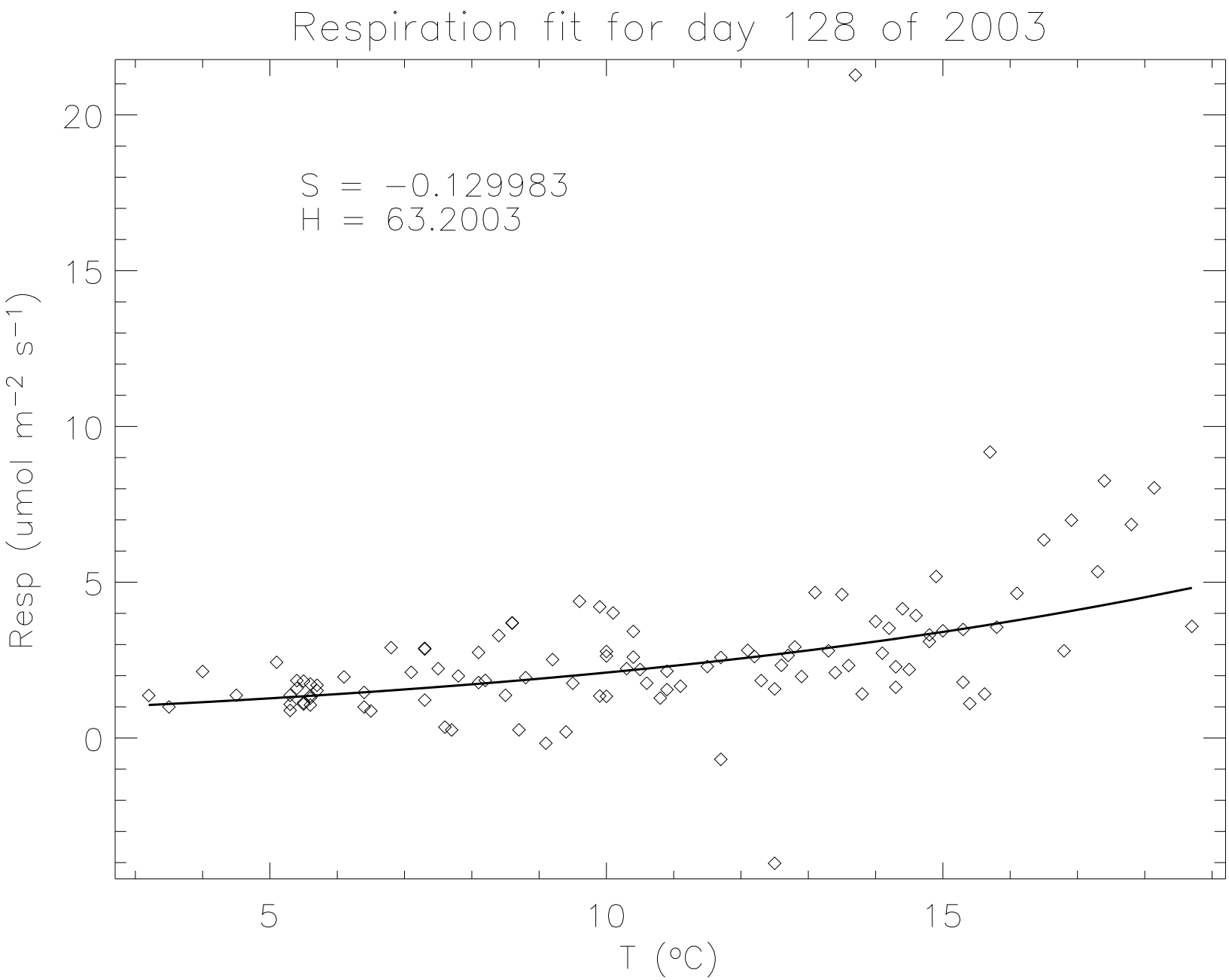
Respiration fit for day 123 of 2003
S = −0.174704
H = 50.4664
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20

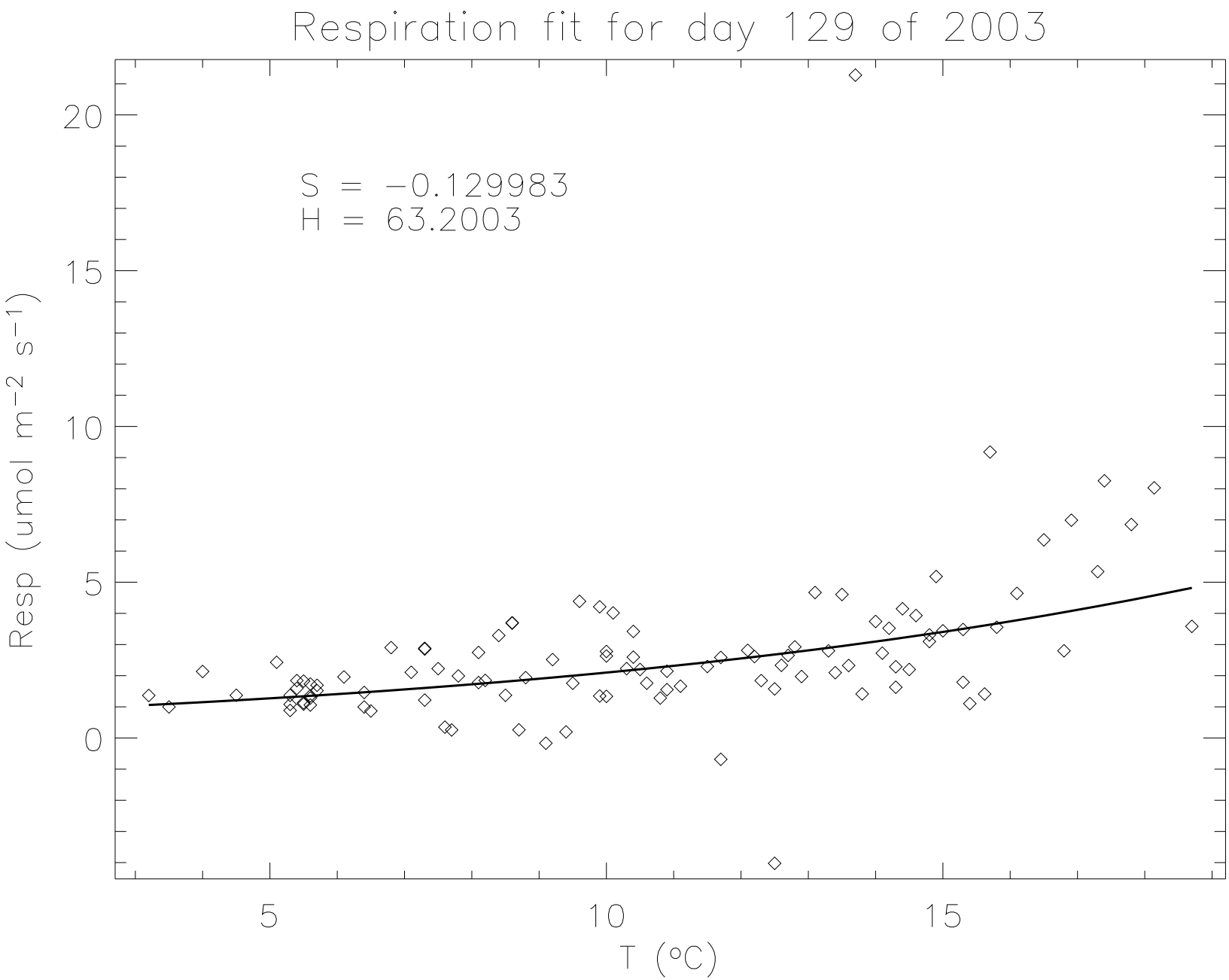
Respiration fit for day 124 of 2003
S = −0.129983
H = 63.2003
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
5
10
15

Respiration fit for day 125 of 2003
S = −0.129983
H = 63.2003
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
5
10
15

Respiration fit for day 126 of 2003
S = −0.129983
H = 63.2003
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
5
10
15

Respiration fit for day 127 of 2003
S = −0.129983
H = 63.2003
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
5
10
15


Respiration fit for day 128 of 2003
S = −0.129983
H = 63.2003
Resp (umol m−2 s−1)
T (°C)
20
15
10
5
0
5
10
15


Respiration fit for day 129 of 2003
S = −0.129983
H = 63.2003
Resp (umol m−2 s−1)
T (°C)
20
15
10
5
0
5
10
15

Respiration fit for day 130 of 2003
S = −0.129983
H = 63.2003
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
5
10
15

Respiration fit for day 131 of 2003
S = −0.129983
H = 63.2003
Resp (umol m−2 s−1)
0
5
10
15
20
T (°C)
5
10
15

Respiration fit for day 132 of 2003
S = −0.129983
H = 63.2003
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
5
10
15

Respiration fit for day 133 of 2003
S = −0.129983
H = 63.2003
Resp (umol m−2 s−1)
0
5
10
15
20
T (°C)
5
10
15

Respiration fit for day 134 of 2003
S = −0.129983
H = 63.2003
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
5
10
15

Respiration fit for day 135 of 2003
S = −0.129983
H = 63.2003
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
5
10
15

Respiration fit for day 136 of 2003
S = −0.129983
H = 63.2003
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
5
10
15

Respiration fit for day 137 of 2003
S = −0.129983
H = 63.2003
Resp (umol m−2 s−1)
0
5
10
15
20
T (°C)
5
10
15

Respiration fit for day 138 of 2003
S = −0.129983
H = 63.2003
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
5
10
15

Respiration fit for day 139 of 2003
S = −0.129983
H = 63.2003
Resp (umol m−2 s−1)
0
5
10
15
20
T (°C)
5
10
15

Respiration fit for day 140 of 2003
S = −0.125830
H = 64.3590
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
5
10
15

Respiration fit for day 141 of 2003
S = −0.123795
H = 64.9267
Resp (umol m−2 s−1)
0
5
10
15
20
T (°C)
5
10
15

Respiration fit for day 142 of 2003
S = −0.121021
H = 65.6672
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
5
10
15

Respiration fit for day 143 of 2003
S = −0.113163
H = 67.8296
Resp (umol m−2 s−1)
0
5
10
15
20
T (°C)
5
10
15

Respiration fit for day 144 of 2003
S = −0.103044
H = 70.5949
Resp (umol m−2 s−1)
0
5
10
15
20
T (°C)
5
10
15

Respiration fit for day 145 of 2003
S = −0.0990190
H = 71.7288
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
5
10
15

Respiration fit for day 146 of 2003
S = −0.101895
H = 70.8185
Resp (umol m−2 s−1)
0
5
10
15
20
T (°C)
5
10
15

Respiration fit for day 147 of 2003
S = −0.108941
H = 68.8051
Resp (umol m−2 s−1)
0
5
10
15
20
T (°C)
5
10
15

Respiration fit for day 148 of 2003
S = −0.117594
H = 66.3331
Resp (umol m−2 s−1)
0
5
10
15
20
T (°C)
5
10
15

Respiration fit for day 149 of 2003
S = −0.117712
H = 66.1765
Resp (umol m−2 s−1)
0
5
10
15
20
T (°C)
5
10
15

Respiration fit for day 150 of 2003
S = −0.138564
H = 60.2644
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
5
10
15
20

Respiration fit for day 151 of 2003
S = −0.157675
H = 54.7858
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
5
10
15
20

Respiration fit for day 152 of 2003
S = −0.157675
H = 54.7858
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20

Respiration fit for day 153 of 2003
S = −0.155646
H = 55.3710
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
5
10
15
20

Respiration fit for day 154 of 2003
S = −0.162968
H = 53.2705
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20

Respiration fit for day 155 of 2003
S = −0.165087
H = 52.6510
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20

Respiration fit for day 156 of 2003
S = −0.170740
H = 51.0065
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20

Respiration fit for day 157 of 2003
S = −0.139708
H = 59.7945
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
5
10
15
20

Respiration fit for day 158 of 2003
S = −0.160383
H = 53.7827
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
5
10
15
20

Respiration fit for day 159 of 2003
S = −0.145596
H = 57.9863
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
5
10
15
20
25

Respiration fit for day 160 of 2003
S = −0.145837
H = 57.9157
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
5
10
15
20
25

Respiration fit for day 161 of 2003
S = −0.148928
H = 56.9800
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
5
10
15
20
25

Respiration fit for day 162 of 2003
S = −0.158386
H = 54.1849
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
5
10
15
20
25

Respiration fit for day 163 of 2003
S = −0.167481
H = 51.5180
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
5
10
15
20
25

Respiration fit for day 164 of 2003
S = −0.169218
H = 51.0042
Resp (umol m−2 s−1)
T (°C)
5
10
15
20
25
0
5
10
15

Respiration fit for day 165 of 2003
S = −0.167409
H = 51.4900
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
5
10
15
20
25

Respiration fit for day 166 of 2003
S = −0.178008
H = 48.4131
Resp (umol m−2 s−1)
T (°C)
5
10
15
20
25
0
5
10
15

Respiration fit for day 167 of 2003
S = −0.205614
H = 40.4190
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
10
15
20
25

Respiration fit for day 168 of 2003
S = −0.206954
H = 40.0402
Resp (umol m−2 s−1)
T (°C)
10
15
20
25
0
5
10
15

Respiration fit for day 169 of 2003
S = −0.207370
H = 39.8944
Resp (umol m−2 s−1)
T (°C)
10
15
20
25
0
5
10
15

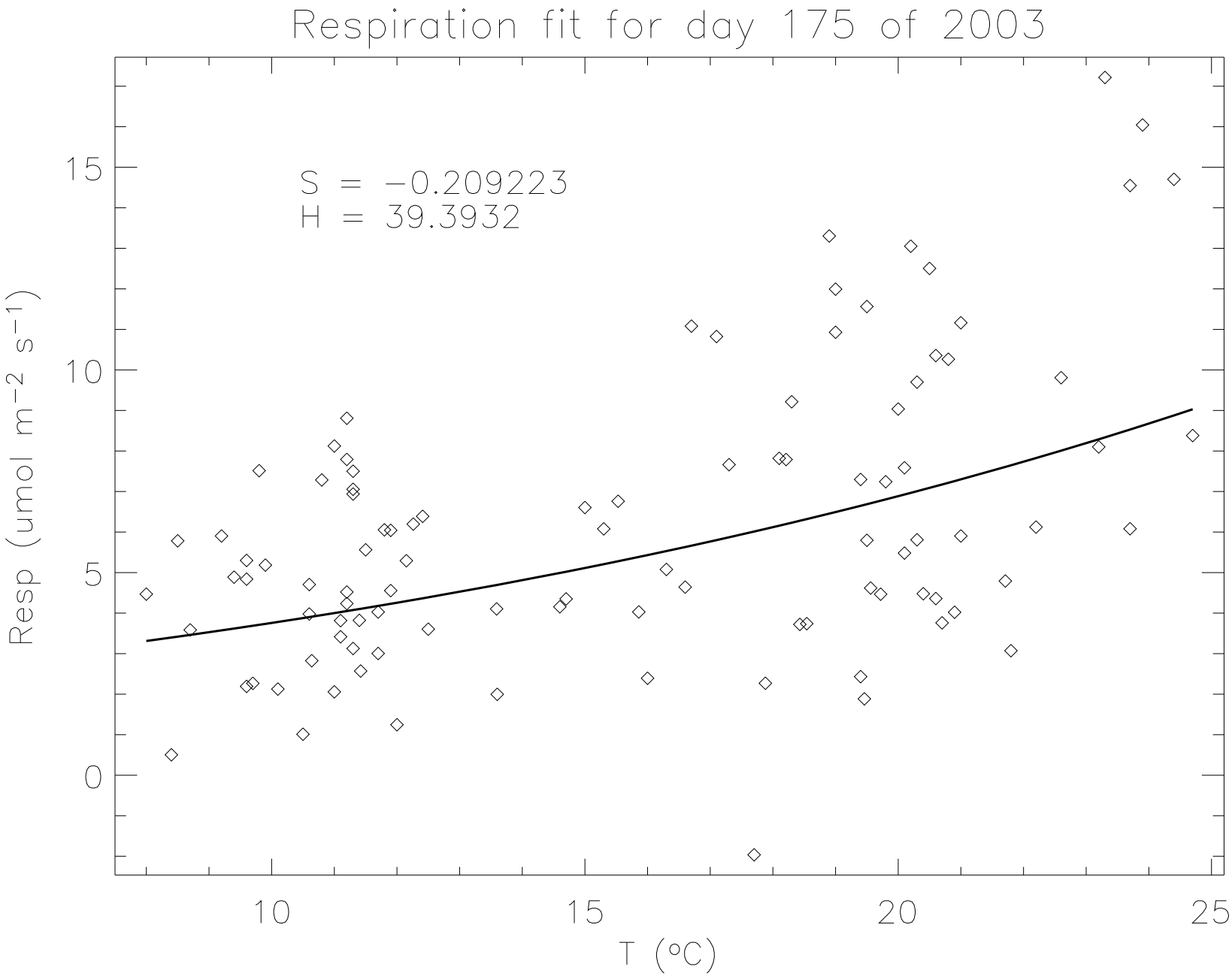
Respiration fit for day 170 of 2003
S = −0.208217
H = 39.6389
Resp (umol m−2 s−1)
T (°C)
10
15
20
25
0
5
10
15

Respiration fit for day 171 of 2003
S = −0.213613
H = 38.1110
Resp (umol m−2 s−1)
T (°C)
10
15
20
25
0
5
10
15

Respiration fit for day 172 of 2003
S = −0.212385
H = 38.4508
Resp (umol m−2 s−1)
T (°C)
10
15
20
25
0
5
10
15

Respiration fit for day 173 of 2003
S = −0.212868
H = 38.3120
Resp (umol m−2 s−1)
T (°C)
10
15
20
25
0
5
10
15

Respiration fit for day 174 of 2003
S = −0.211553
H = 38.7058
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
10
15
20
25


Respiration fit for day 175 of 2003
S = −0.209223
H = 39.3932
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
10
15
20
25

Respiration fit for day 176 of 2003
S = −0.208505
H = 39.6044
Resp (umol m−2 s−1)
T (°C)
10
15
20
25
0
5
10
15

Respiration fit for day 177 of 2003
S = −0.202695
H = 41.3107
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
10
15
20
25

Respiration fit for day 178 of 2003
S = −0.201338
H = 41.6958
Resp (umol m−2 s−1)
15
10
5
0
T (°C)
10
15
20
25

Respiration fit for day 179 of 2003
S = −0.216327
H = 37.3153
Resp (umol m−2 s−1)
15
10
5
0
T (°C)
10
15
20
25

Respiration fit for day 180 of 2003
S = −0.216325
H = 37.2969
Resp (umol m−2 s−1)
T (°C)
10
15
20
25
0
5
10
15

Respiration fit for day 181 of 2003
S = −0.212515
H = 38.3553
Resp (umol m−2 s−1)
15
10
5
0
T (°C)
10
15
20
25

Respiration fit for day 182 of 2003
S = −0.217914
H = 36.8046
Resp (umol m−2 s−1)
T (°C)
10
15
20
25
0
5
10
15

Respiration fit for day 183 of 2003
S = −0.209273
H = 39.2584
Resp (umol m−2 s−1)
T (°C)
10
15
20
25
0
5
10
15

Respiration fit for day 184 of 2003
S = −0.209273
H = 39.2584
Resp (umol m−2 s−1)
T (°C)
10
15
20
25
0
5
10
15

Respiration fit for day 185 of 2003
S = −0.208303
H = 39.5285
Resp (umol m−2 s−1)
T (°C)
10
15
20
25
0
5
10
15

Respiration fit for day 186 of 2003
S = −0.205368
H = 40.3894
Resp (umol m−2 s−1)
T (°C)
10
15
20
25
0
5
10
15

Respiration fit for day 187 of 2003
S = −0.222051
H = 35.4967
Resp (umol m−2 s−1)
T (°C)
10
15
20
25
0
5
10
15

Respiration fit for day 188 of 2003
S = −0.216452
H = 37.0661
Resp (umol m−2 s−1)
T (°C)
10
15
20
25
0
5
10
15

Respiration fit for day 189 of 2003
S = −0.211766
H = 38.3817
Resp (umol m−2 s−1)
T (°C)
10
15
20
25
0
5
10
15

Respiration fit for day 190 of 2003
S = −0.219318
H = 36.2474
Resp (umol m−2 s−1)
T (°C)
10
15
20
25
0
5
10
15

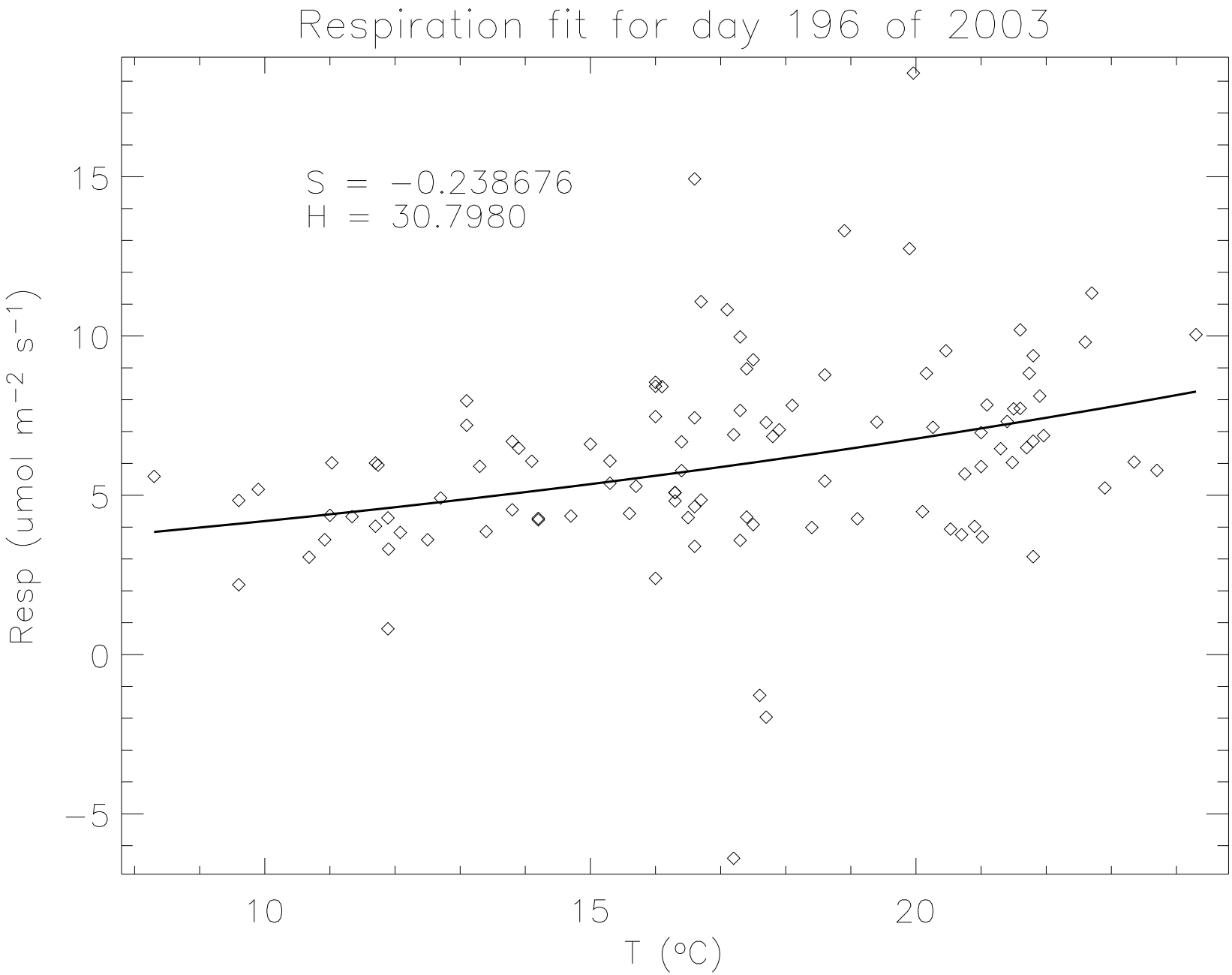
Respiration fit for day 191 of 2003
S = −0.233672
H = 32.1453
Resp (umol m−2 s−1)
15
10
5
0
T (°C)
10
15
20
25

Respiration fit for day 192 of 2003
S = −0.246767
H = 28.4016
Resp (umol m−2 s−1)
T (°C)
10
15
20
0
5
10
15

Respiration fit for day 193 of 2003
S = −0.2379931
H = 30.9900
Resp (umol m−2 s−1)
T (°C)
10
15
20
0
5
10
15

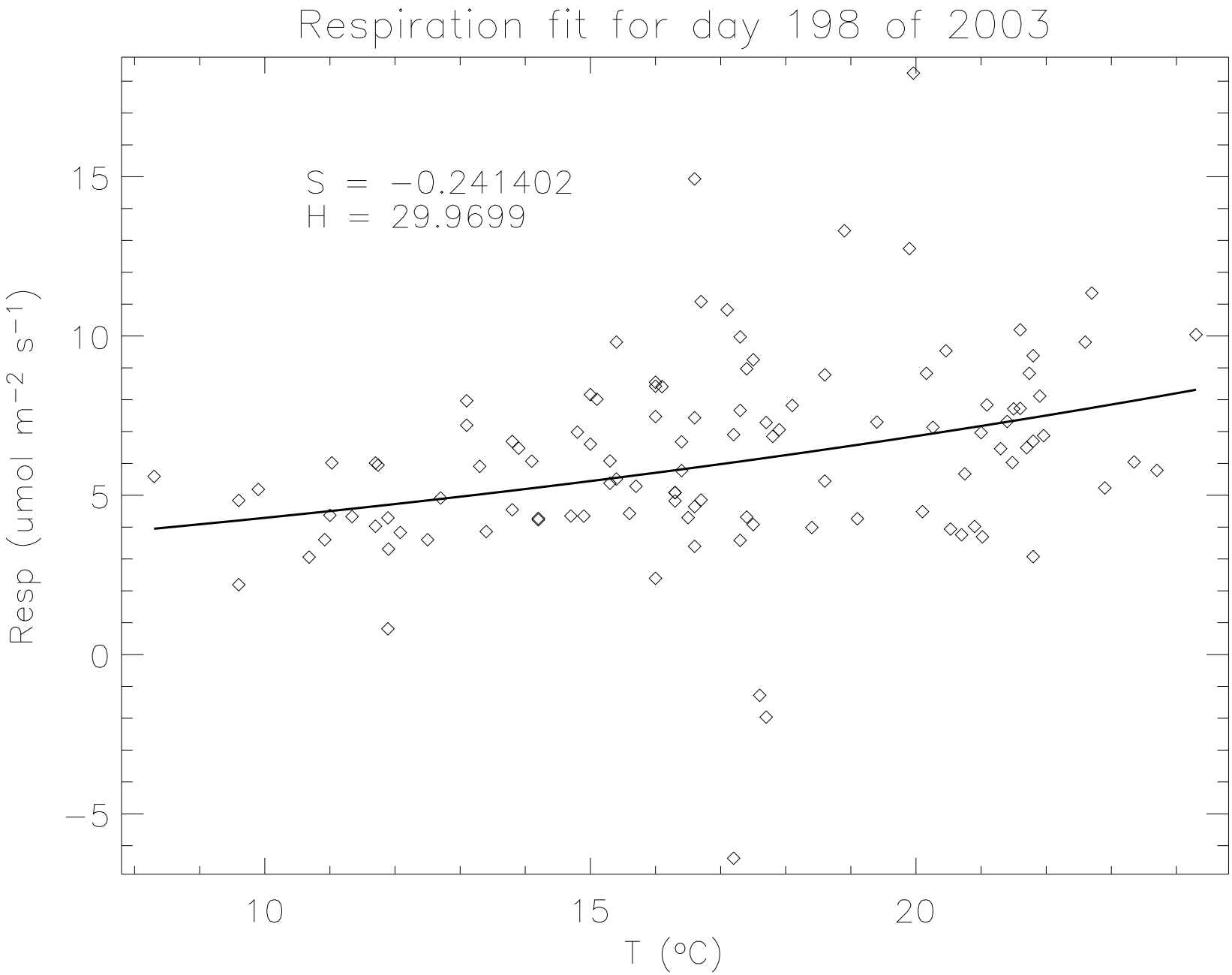
Respiration fit for day 194 of 2003
S = −0.2279967
H = 33.8996
Resp (umol m−2 s−1)
15
10
5
0
T (°C)
10
15
20

Respiration fit for day 195 of 2003
S = −0.229792
H = 33.3812
Resp (umol m−2 s−1)
T (°C)
10
15
20
−5
0
5
10
15



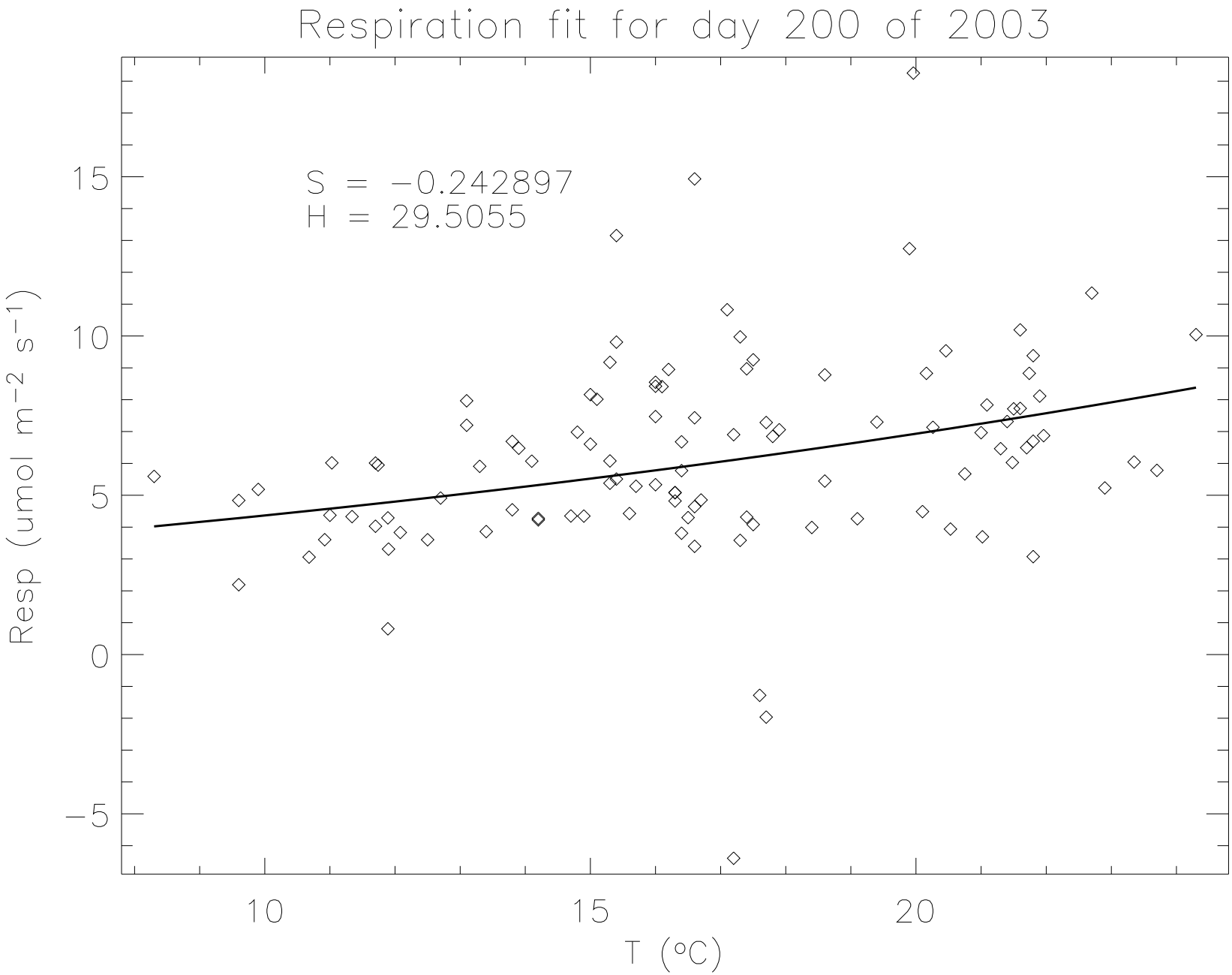
Respiration fit for day 196 of 2003
S = −0.238676
H = 30.7980
Resp (umol m−2 s−1)
T (°C)
15
10
5
0
−5
10
15
20

Respiration fit for day 197 of 2003
S = −0.241458
H = 29.9671
Resp (umol m−2 s−1)
15
10
5
0
5
10
15
20
T (°C)

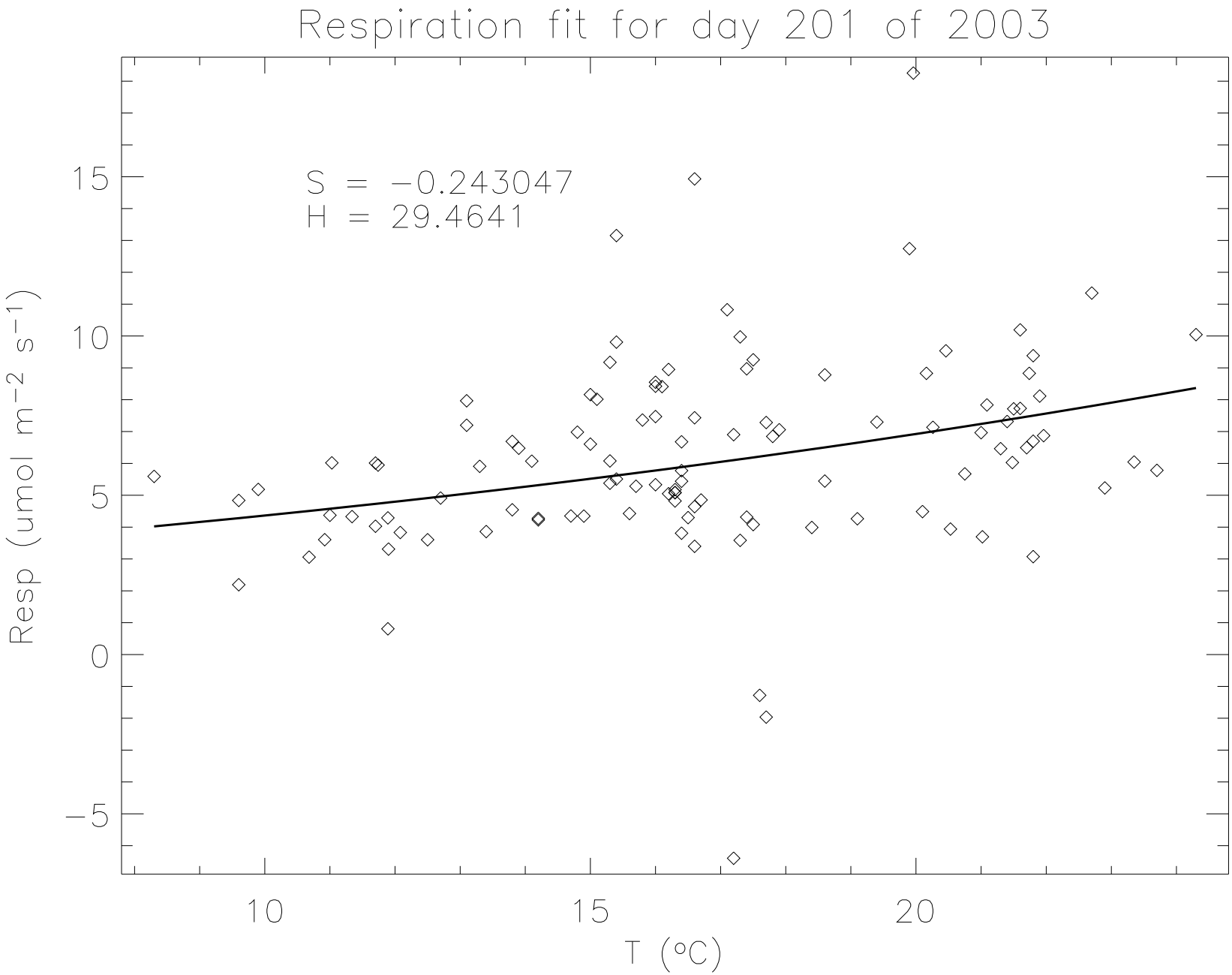


Respiration fit for day 198 of 2003
S = −0.241402
H = 29.9699
Resp (umol m−2 s−1)
T (°C)
15
10
5
0
−5
10
15
20

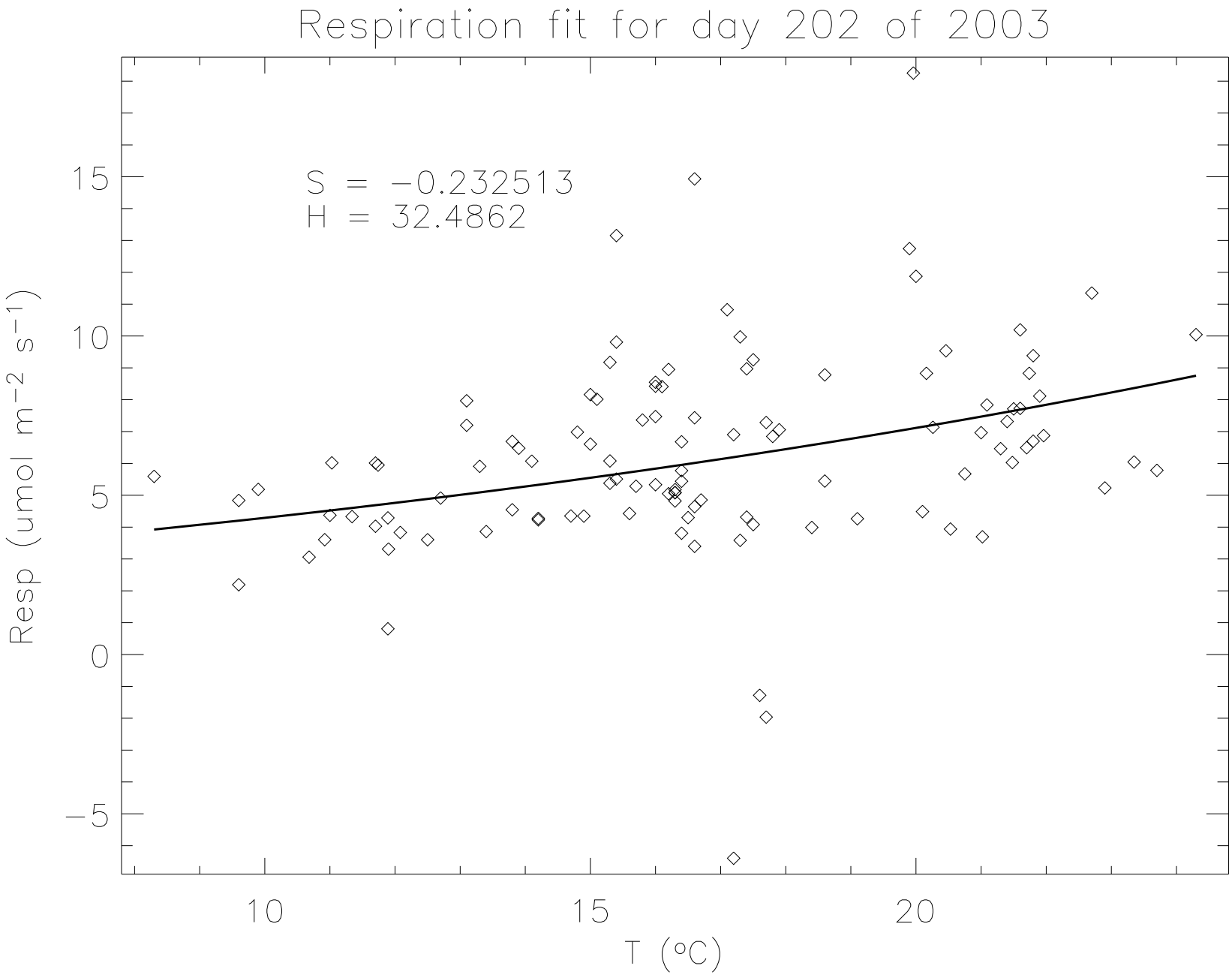
Respiration fit for day 199 of 2003
S = −0.241027
H = 30.0707
Resp (umol m−2 s−1)
T (°C)
10
15
20
−5
0
5
10
15



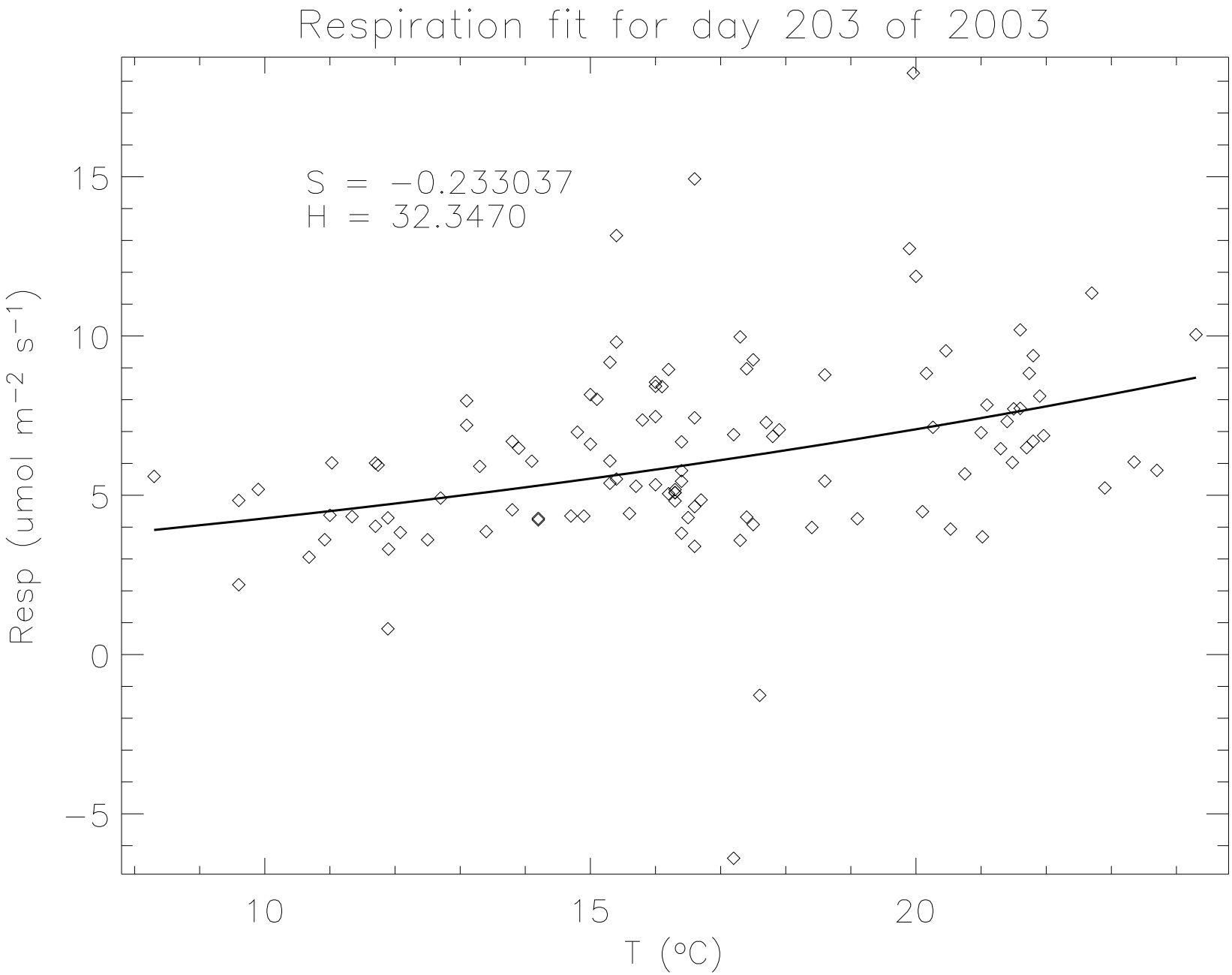
Respiration fit for day 200 of 2003
S = −0.242897
H = 29.5055
Resp (umol m−2 s−1)
T (°C)
15
10
5
0
−5
10
15
20



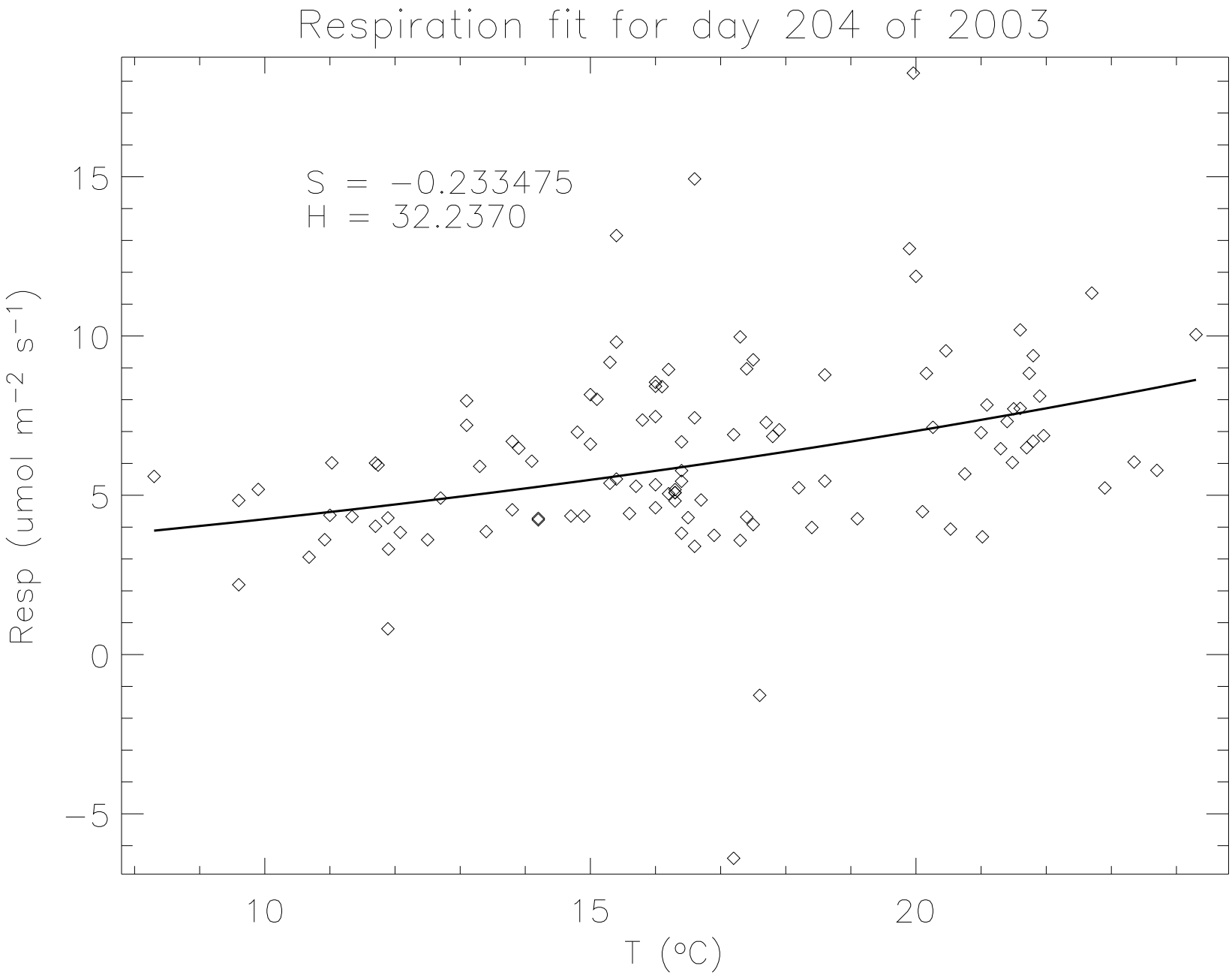
Respiration fit for day 201 of 2003
S = −0.243047
H = 29.4641
Resp (umol m−2 s−1)
T (°C)
15
10
5
0
−5
10
15
20



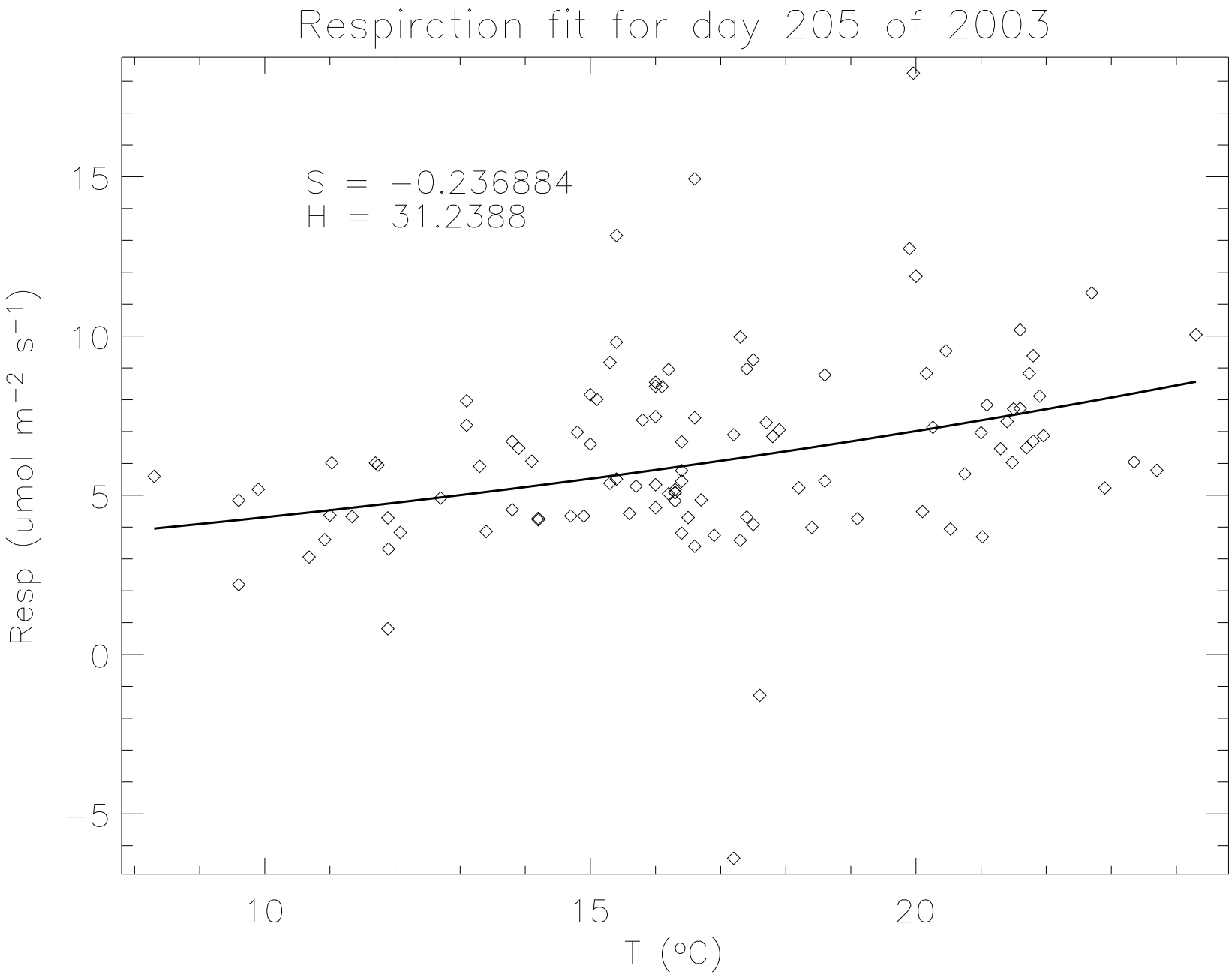
Respiration fit for day 202 of 2003
S = −0.232513
H = 32.4862
Resp (umol m−2 s−1)
T (°C)
15
10
5
0
−5
10
15
20



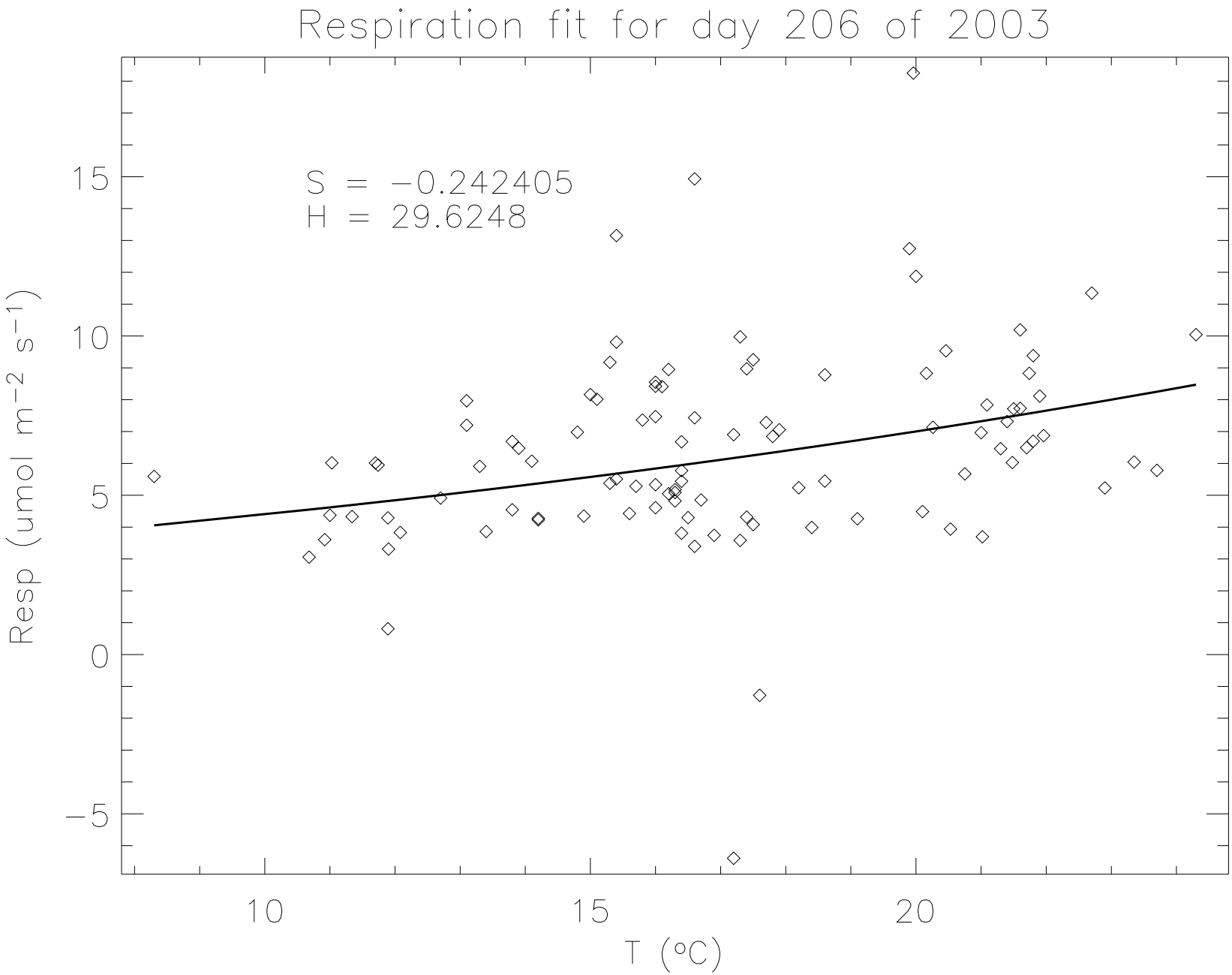
Respiration fit for day 203 of 2003
S = −0.233037
H = 32.3470
Resp (umol m−2 s−1)
T (°C)
15
10
5
0
−5
10
15
20



Respiration fit for day 204 of 2003
S = −0.233475
H = 32.2370
Resp (umol m−2 s−1)
T (°C)
15
10
5
0
−5
10
15
20



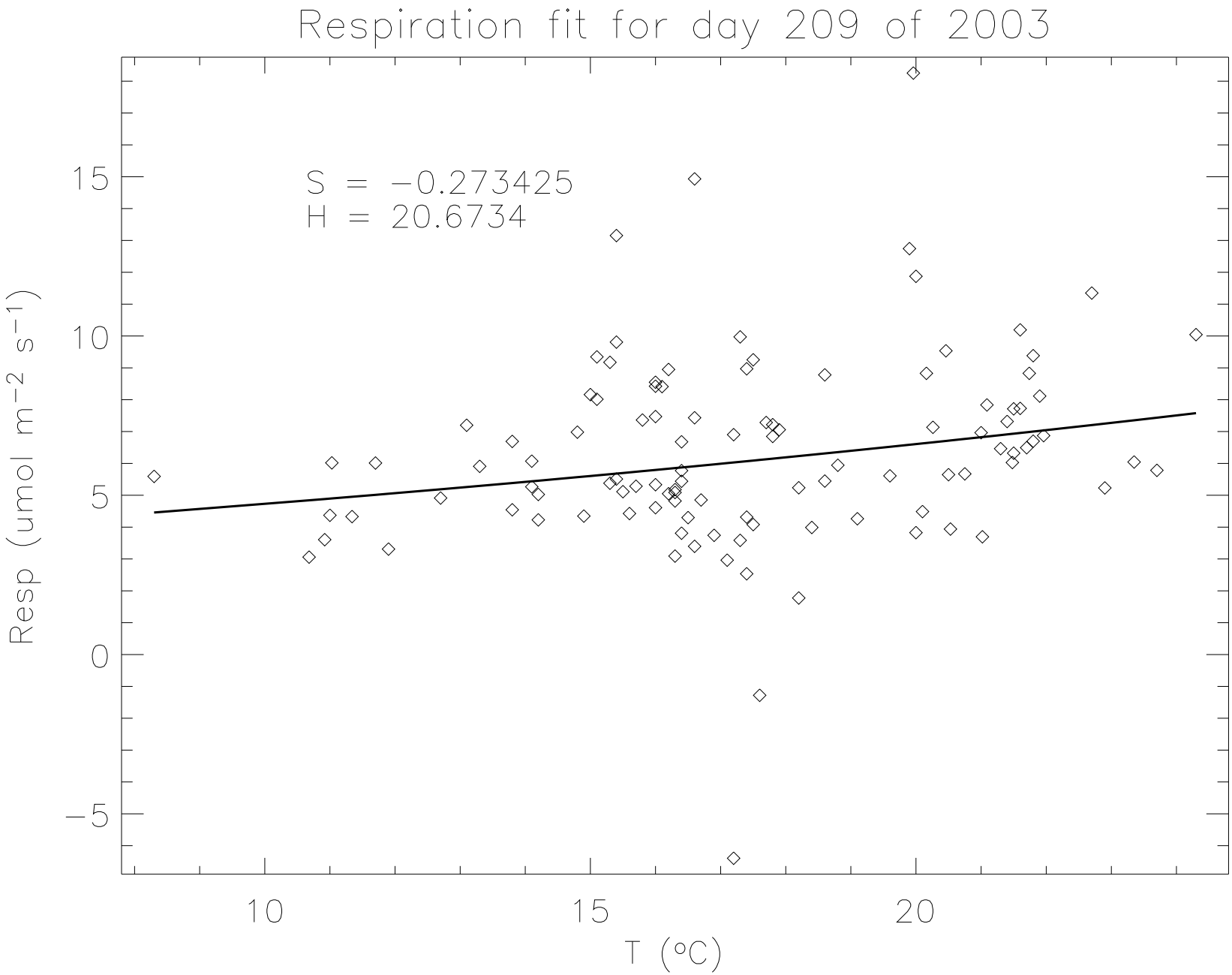
Respiration fit for day 205 of 2003
S = −0.236884
H = 31.2388
Resp (umol m−2 s−1)
T (°C)
15
10
5
0
−5
10
15
20



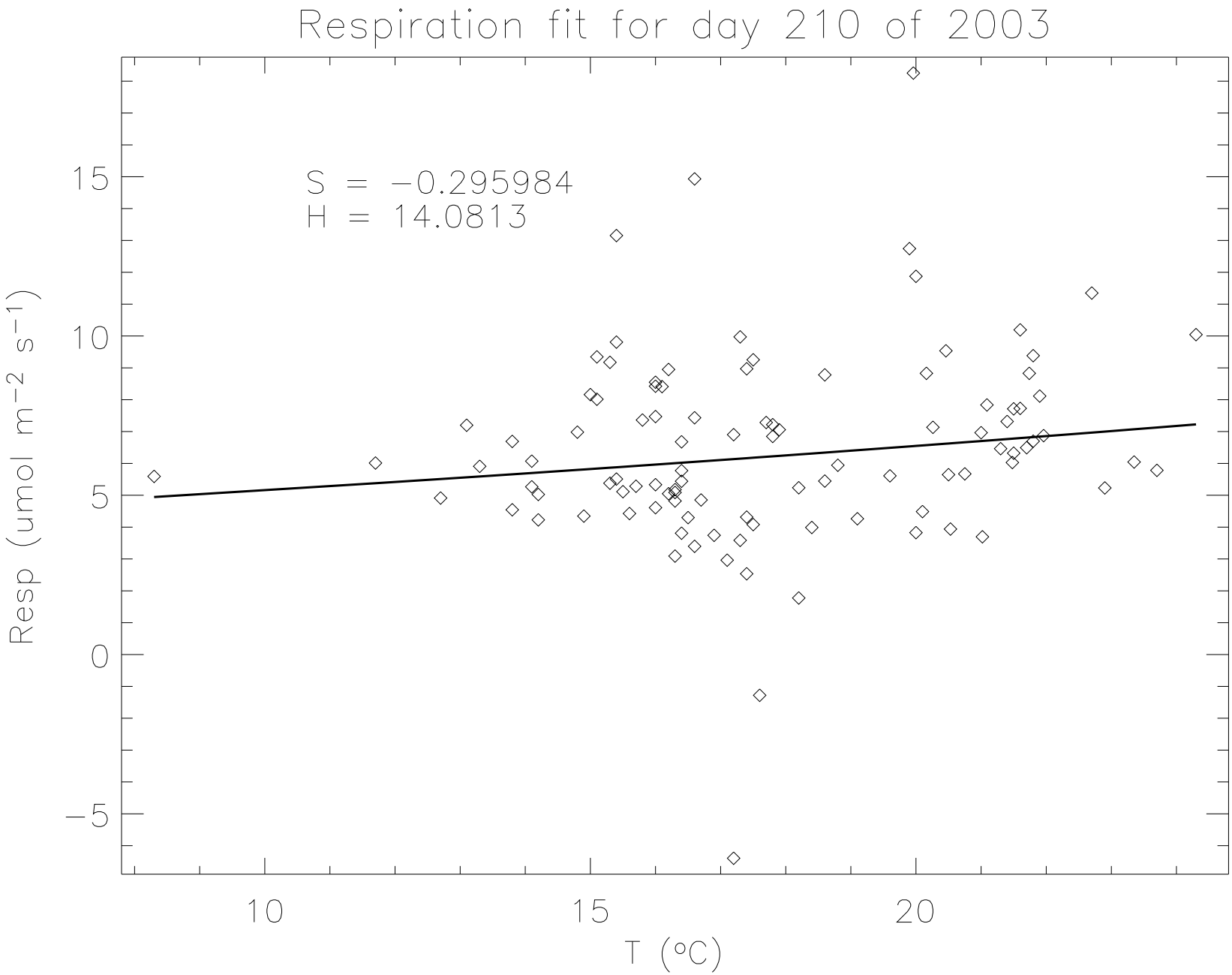
Respiration fit for day 206 of 2003
S = −0.242405
H = 29.6248
Resp (umol m−2 s−1)
T (°C)
15
10
5
0
−5
10
15
20

Respiration fit for day 207 of 2003
S = −0.248862
H = 27.8118
Resp (umol m−2 s−1)
−1
0
1
5
10
15
20
T (°C)

Respiration fit for day 208 of 2003
S = −0.269074
H = 21.9015
Resp (umol m−2 s−1)
T (°C)
10
15
20
−5
0
5
10
15



Respiration fit for day 209 of 2003
S = −0.273425
H = 20.6734
Resp (umol m−2 s−1)
T (°C)
15
10
5
0
−5
10
15
20



Respiration fit for day 210 of 2003
S = −0.295984
H = 14.0813
Resp (umol m−2 s−1)
T (°C)
15
10
5
0
−5
10
15
20

Respiration fit for day 211 of 2003
S = −0.2730546
H = 20.7097
Resp (umol m−2 s−1)
T (°C)
20
15
10
5
0
−5
10
15
20

Respiration fit for day 212 of 2003
S = −0.271342
H = 21.1786
Resp (umol m−2 s−1)
T (°C)
20
15
10
5
0
−5
10
15
20

Respiration fit for day 213 of 2003
S = −0.2687213
H = 22.0157
Resp (umol m−2 s−1)
T (°C)
20
15
10
5
0
−5
10
15
20

Respiration fit for day 214 of 2003
S = −0.255582
H = 25.8315
Resp (umol m−2 s−1)
T (°C)
20
15
10
5
0
−5
10
15
20

Respiration fit for day 215 of 2003
S = −0.264072
H = 23.3867
Resp (umol m−2 s−1)
T (°C)
20
15
10
5
0
−5
10
15
20

Respiration fit for day 216 of 2003
S = −0.2641965
H = 23.3906
Resp (umol m−2 s−1)
20
15
10
5
0
−5
T (°C)
10
15
20

Respiration fit for day 217 of 2003
S = −0.2591773
H = 24.8545
Resp (umol m−2 s−1)
T (°C)
10
15
20
25
−5
0
5
10
15
20

Respiration fit for day 218 of 2003
Resp (umol m-2 s-1)
T (°C)
S = -0.242083
H = 29.8613
20
15
10
5
0
-5
10
15
20
25

Respiration fit for day 219 of 2003
S = −0.231454
H = 32.9809
Resp (umol m−2 s−1)
T (°C)
20
15
10
5
0
−5
14
16
18
20
22
24
26

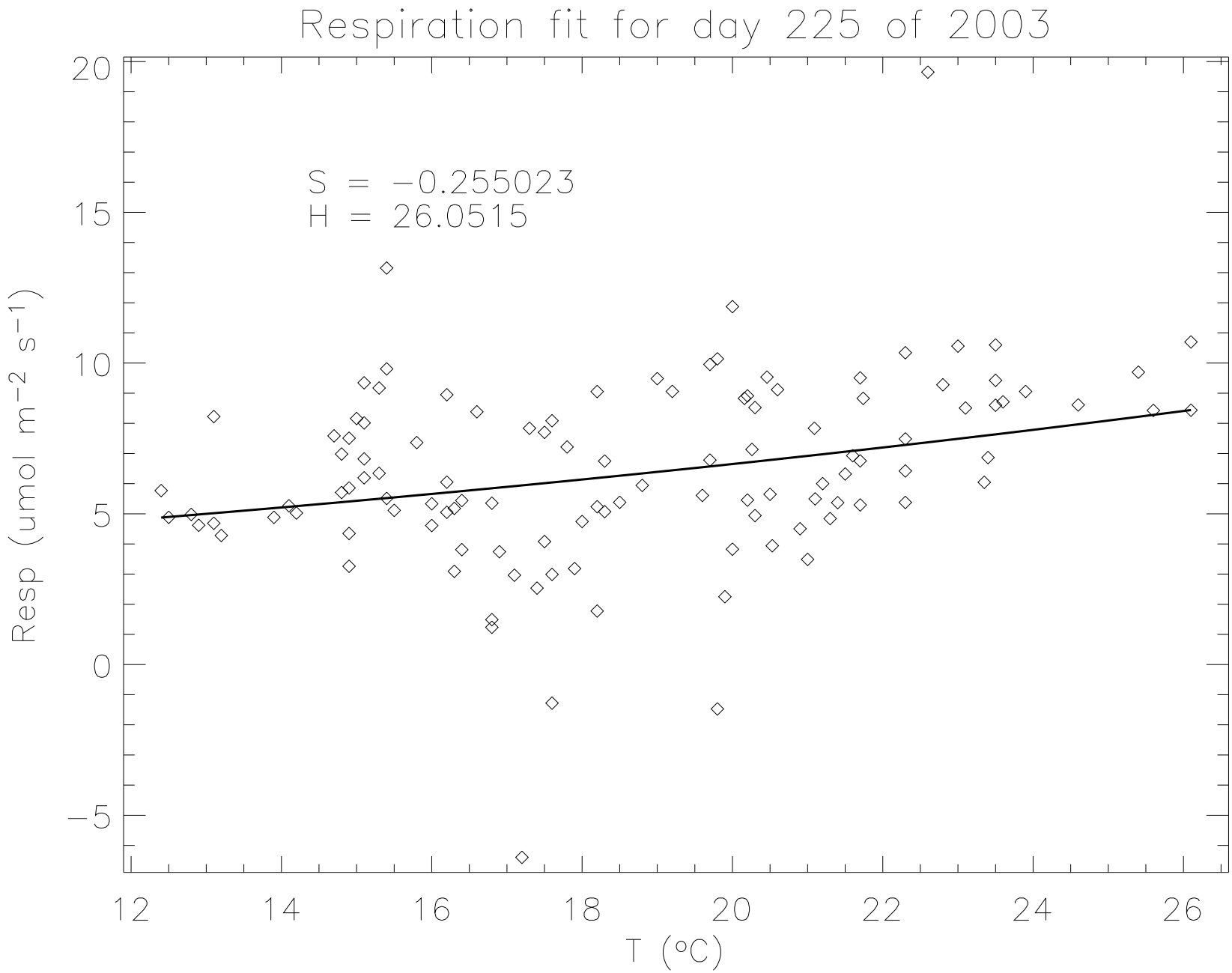
Respiration fit for day 220 of 2003
S = −0.244996
H = 28.9858
Resp (umol m−2 s−1)
T (°C)
20
15
10
5
0
−5
14
16
18
20
22
24
26

Respiration fit for day 221 of 2003
S = −0.250918
H = 27.2271
Resp (umol m−2 s−1)
T (°C)
20
15
10
5
0
−5
14
16
18
20
22
24
26

Respiration fit for day 222 of 2003
S = −0.247037
H = 28.3702
Resp (umol m−2 s−1)
T (°C)
20
15
10
5
0
−5
14
16
18
20
22
24
26

Respiration fit for day 223 of 2003
S = −0.2538531
H = 26.4033
Resp (umol m−2 s−1)
T (°C)
20
15
10
5
0
−5
14
16
18
20
22
24
26

Respiration fit for day 224 of 2003
S = −0.254520
H = 26.1989
Resp (umol m−2 s−1)
T (°C)
20
15
10
5
0
−5
14
16
18
20
22
24
26


Respiration fit for day 225 of 2003
S = −0.255023
H = 26.0515
Resp (umol m−2 s−1)
T (°C)
20
15
10
5
0
−5
12
14
16
18
20
22
24
26

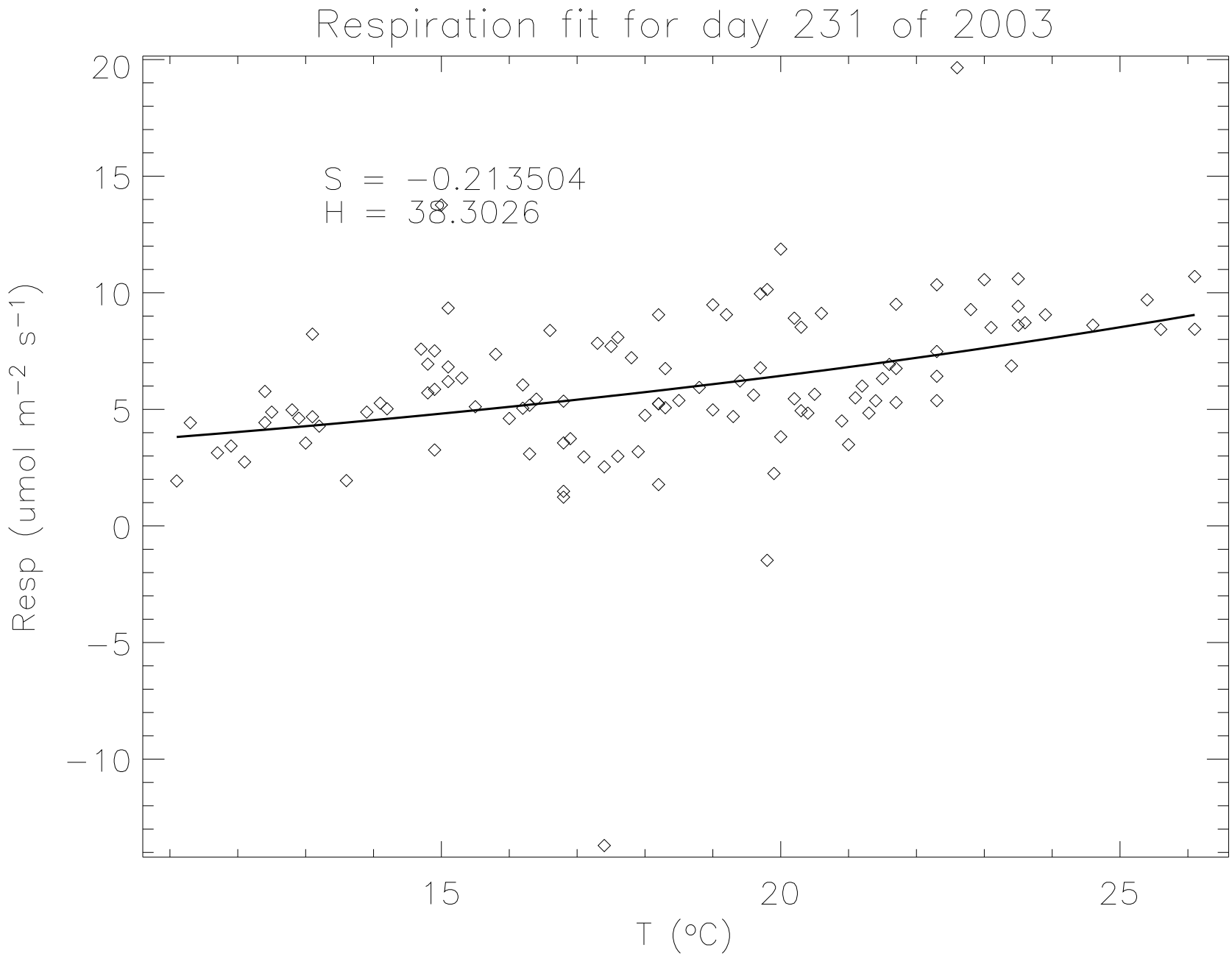
Respiration fit for day 226 of 2003
S = −0.254241
H = 26.2794
Resp (umol m−2 s−1)
T (°C)
20
15
10
5
0
−5
12
14
16
18
20
22
24
26

Respiration fit for day 227 of 2003
S = −0.2558548
H = 25.8072
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
12
14
16
18
20
22
24
26

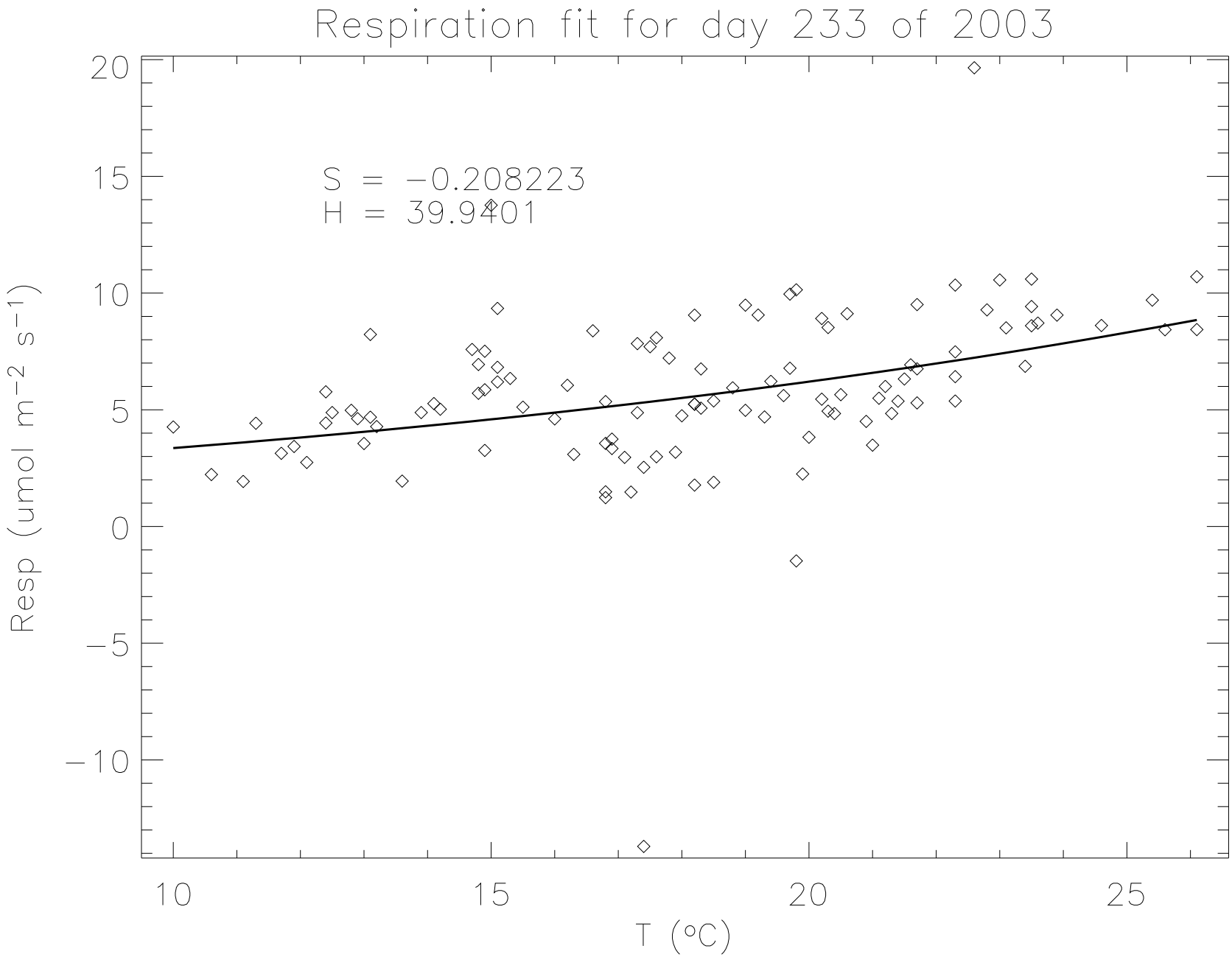
Respiration fit for day 228 of 2003
S = −0.255848
H = ◇25.8072
Resp (umol m−2 s−1)
T (°C)
20
15
10
5
0
−5
−10
12
14
16
18
20
22
24
26

Respiration fit for day 229 of 2003
S = −0.259762
H = 24.6871
Resp (umol m−2 s−1)
T (°C)
20
15
10
5
0
−5
−10
12
14
16
18
20
22
24
26

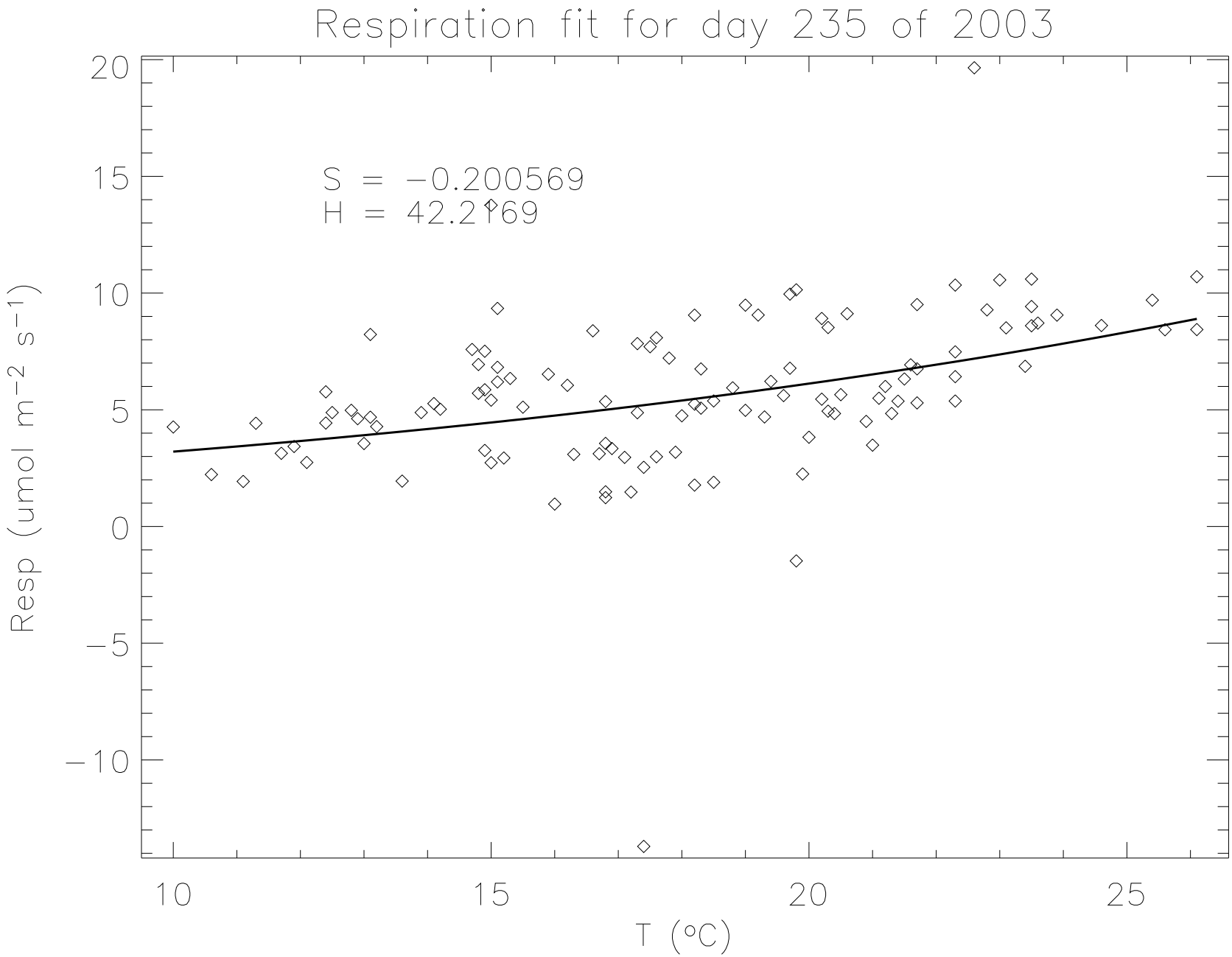
Respiration fit for day 230 of 2003
S = −0.256716
H = 25.5858
Resp (umol m−2 s−1)
T (°C)
20
15
10
5
0
−5
−10
12
14
16
18
20
22
24
26


Respiration fit for day 231 of 2003
S = −0.213504
H = 38.3026
Resp (umol m−2 s−1)
T (°C)
20
15
10
5
0
−5
−10
15
20
25

Respiration fit for day 232 of 2003
S = −0.2084231
H = 39.7973
Resp (umol m−2 s−1)
T (°C)
10
15
20
25
−10
−5
0
5
10
15
20


Respiration fit for day 233 of 2003
S = −0.208223
H = 39.9401
Resp (umol m−2 s−1)
T (°C)
20
15
10
5
0
−5
−10
10
15
20
25

Respiration fit for day 234 of 2003
S = −0.198102
H = 42.9345
Resp (umol m−2 s−1)
T (°C)
10
15
20
25
−10
−5
0
5
10
15
20


Respiration fit for day 235 of 2003
S = −0.200569
H = 42.2↑69
Resp (umol m−2 s−1)
T (°C)
20
15
10
5
0
−5
−10
10
15
20
25

Respiration fit for day 236 of 2003
S = −0.199125
H = 42.6270
Resp (umol m−2 s−1)
T (°C)
10
15
20
25
−10
−5
0
5
10
15
20

Respiration fit for day 237 of 2003
S = −0.194620
H = 43.9370
Resp (umol m−2 s−1)
T (°C)
20
15
10
5
0
−5
−10
10
15
20
25

Respiration fit for day 238 of 2003
S = −0.195412
H = 43.7†95
Resp (umol m−2 s−1)
20
15
10
5
0
−5
−10
T (°C)
10
15
20
25

Respiration fit for day 239 of 2003
S = −0.191165
H = 45.0035
Resp (umol m−2 s−1)
20
15
10
5
0
−5
−10
T (°C)
10
15
20
25

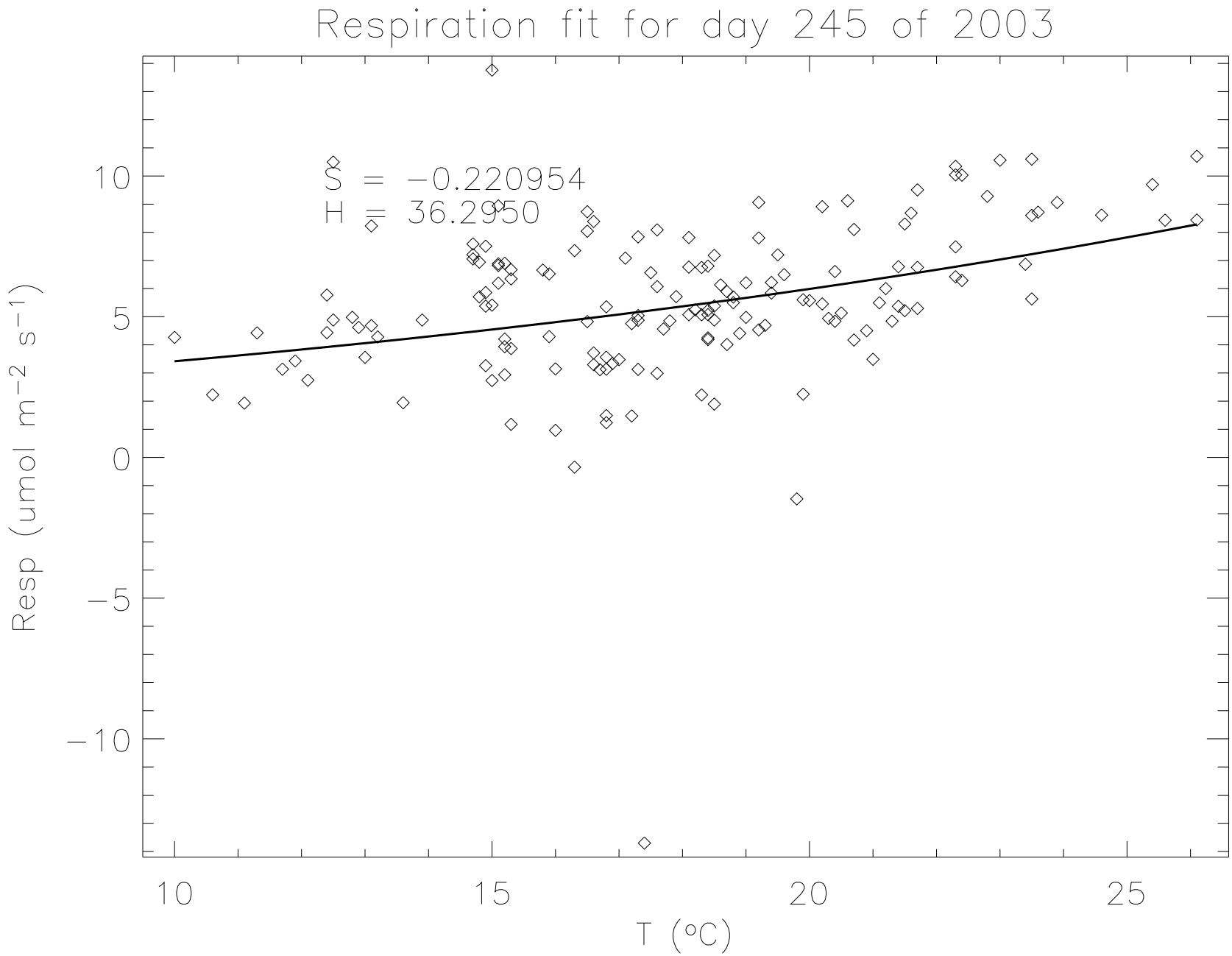
Respiration fit for day 240 of 2003
S = −0.196851
H = 43.3247
Resp (umol m−2 s−1)
T (°C)
20
15
10
5
0
−5
−10
10
15
20
25

Respiration fit for day 241 of 2003
S = −0.207092
H = 40.3033
Resp (umol m−2 s−1)
T (°C)
10
15
20
25
−10
−5
0
5
10
15
20

Respiration fit for day 242 of 2003
S = −0.213994
H = 38.2361
Resp (umol m−2 s−1)
T (°C)
20
15
10
5
0
−5
−10
10
15
20
25

Respiration fit for day 243 of 2003
S = −0.223000
H = 35.6621
Resp (umol m−2 s−1)
T (°C)
10
15
20
25
−10
−5
0
5
10

Respiration fit for day 244 of 2003
S = −0.221471
H = 36.1098
Resp (umol m−2 s−1)
T (°C)
10
15
20
25
−1
0
1
2



Respiration fit for day 245 of 2003
S = −0.220954
H = 36.2950
Resp (umol m−2 s−1)
T (°C)
10
5
0
−5
−10
10
15
20
25

Respiration fit for day 246 of 2003
S = −0.225464
H = 34.9510
Resp (umol m−2 s−1)
T (°C)
10
15
20
25
−10
−5
0
5
10

Respiration fit for day 247 of 2003
S = −0.238510
H = 31.1360
Resp (umol m−2 s−1)
T (°C)
10
15
20
25
−10
−5
0
5
10

Respiration fit for day 248 of 2003
S = −0.247432
H = 28.56681
Resp (umol m−2 s−1)
10
5
0
−5
−10
10
15
20
T (°C)

Respiration fit for day 249 of 2003
S = −0.246187
H = 28.9571
Resp (umol m−2 s−1)
10
5
0
−5
−10
T (°C)
10
15
20

Respiration fit for day 250 of 2003
S = −0.243991
H = 29.5983
Resp (umol m−2 s−1)
T (°C)
10
15
20
−10
−5
0
5
10

Respiration fit for day 251 of 2003
S = −0.241695
H = 30.2965
Resp (umol m−2 s−1)
10
5
0
−5
−10
T (°C)
10
15
20

Respiration fit for day 252 of 2003
S = −0.240495
H = 30.68653
Resp (umol m−2 s−1)
T (°C)
5
10
15
20
−10
−5
0
5
10

Respiration fit for day 253 of 2003
S = −0.242138
H = 30.2042
Resp (umol m−2 s−1)
10
5
0
−5
−10
5
10
15
20
T (°C)

Respiration fit for day 254 of 2003
S = −0.245396
H = 29.2714
Resp (umol m−2 s−1)
10
5
0
−5
−10
5
10
15
20
T (°C)

Respiration fit for day 255 of 2003
S = −0.246676
H = 28.9144
Resp (umol m−2 s−1)
10
5
0
−5
−10
5
10
15
20
T (°C)

Respiration fit for day 256 of 2003
S = −0.246798
H = 28.8892
Resp (umol m−2 s−1)
10
5
0
−5
−10
5
10
15
20
T (°C)

Respiration fit for day 257 of 2003
S = −0.248478
H = 28.4043
Resp (umol m−2 s−1)
10
5
0
−5
−10
5
10
15
20
T (°C)

Respiration fit for day 258 of 2003
S = −0.244926
H = 29.4292
Resp (umol m−2 s−1)
T (°C)
10
5
0
−5
−10
0
5
10
15
20

Respiration fit for day 259 of 2003
S = −0.225533
H = 35.0152
Resp (umol m−2 s−1)
T (°C)
10
5
0
−5
−10
0
5
10
15
20

Respiration fit for day 260 of 2003
S = −0.2247226
H = 35.2518
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
0
5
10

Respiration fit for day 261 of 2003
S = −0.218454
H = 37.0857
Resp (umol m−2 s−1)
10
5
0
−5
−10
−15
−20
T (°C)
0
5
10
15
20

Respiration fit for day 262 of 2003
S = −0.211813
H = 38.97296
Resp (umol m−2 s−1)
10
5
0
−5
−10
−15
−20
T (°C)
0
5
10
15
20

Respiration fit for day 263 of 2003
S = −0.211866
H = 38.9548
Resp (umol m−2 s−1)
T (°C)
10
5
0
−5
−10
−15
−20
0
5
10
15
20

Respiration fit for day 264 of 2003
S = −0.207961
H = 40.05346
Resp (umol m−2 s−1)
10
5
0
−5
−10
−15
−20
T (°C)
0
5
10
15
20

Respiration fit for day 265 of 2003
S = −0.208890
H = 39.8002
Resp (umol m−2 s−1)
10
5
0
−5
−10
−15
−20
T (°C)
0
5
10
15
20

Respiration fit for day 266 of 2003
S = −0.216424
H = 37.7580
Resp (umol m−2 s−1)
T (°C)
10
5
0
−5
−10
−15
−20
0
5
10
15
20

Respiration fit for day 267 of 2003
S = −0.219201
H = 36.9863
Resp (umol m−2 s−1)
10
5
0
−5
−10
−15
−20
T (°C)
0
5
10
15
20

Respiration fit for day 268 of 2003
S = −0.222737
H = 36.03006
Resp (umol m−2 s−1)
10
5
0
−5
−10
−15
−20
T (°C)
0
5
10
15
20

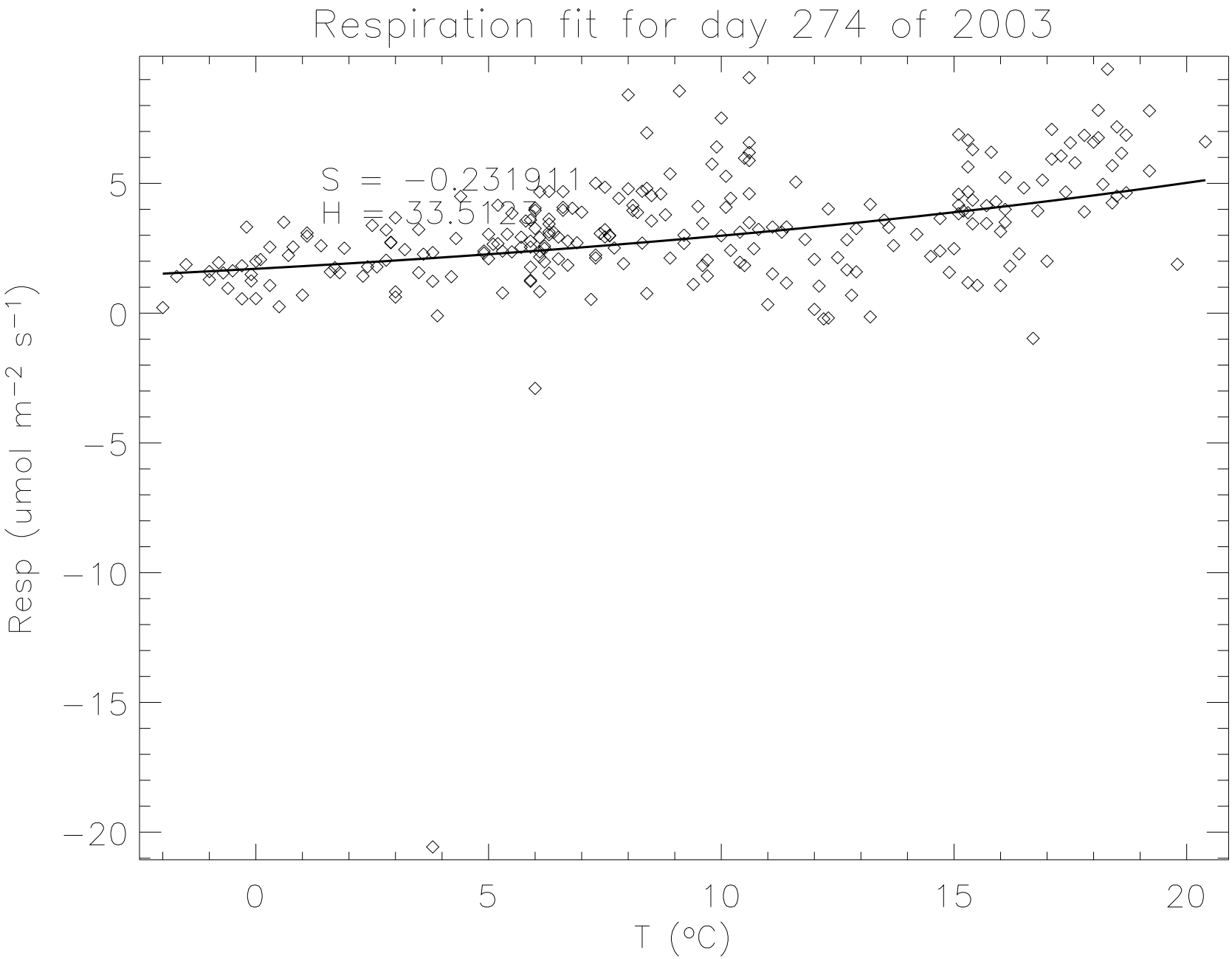
Respiration fit for day 269 of 2003
S = −0.227018
H = 34.7946
Resp (umol m−2 s−1)
T (°C)
10
5
0
−5
−10
−15
−20
0
5
10
15
20

Respiration fit for day 270 of 2003
S = −0.225673
H = 35.4706
Resp (umol m−2 s−1)
T (°C)
10
5
0
−5
−10
−15
−20
0
5
10
15
20

Respiration fit for day 271 of 2003
S = −0.230167
H = 33.93549
Resp (umol m−2 s−1)
10
5
0
−5
−10
−15
−20
T (°C)
0
5
10
15
20

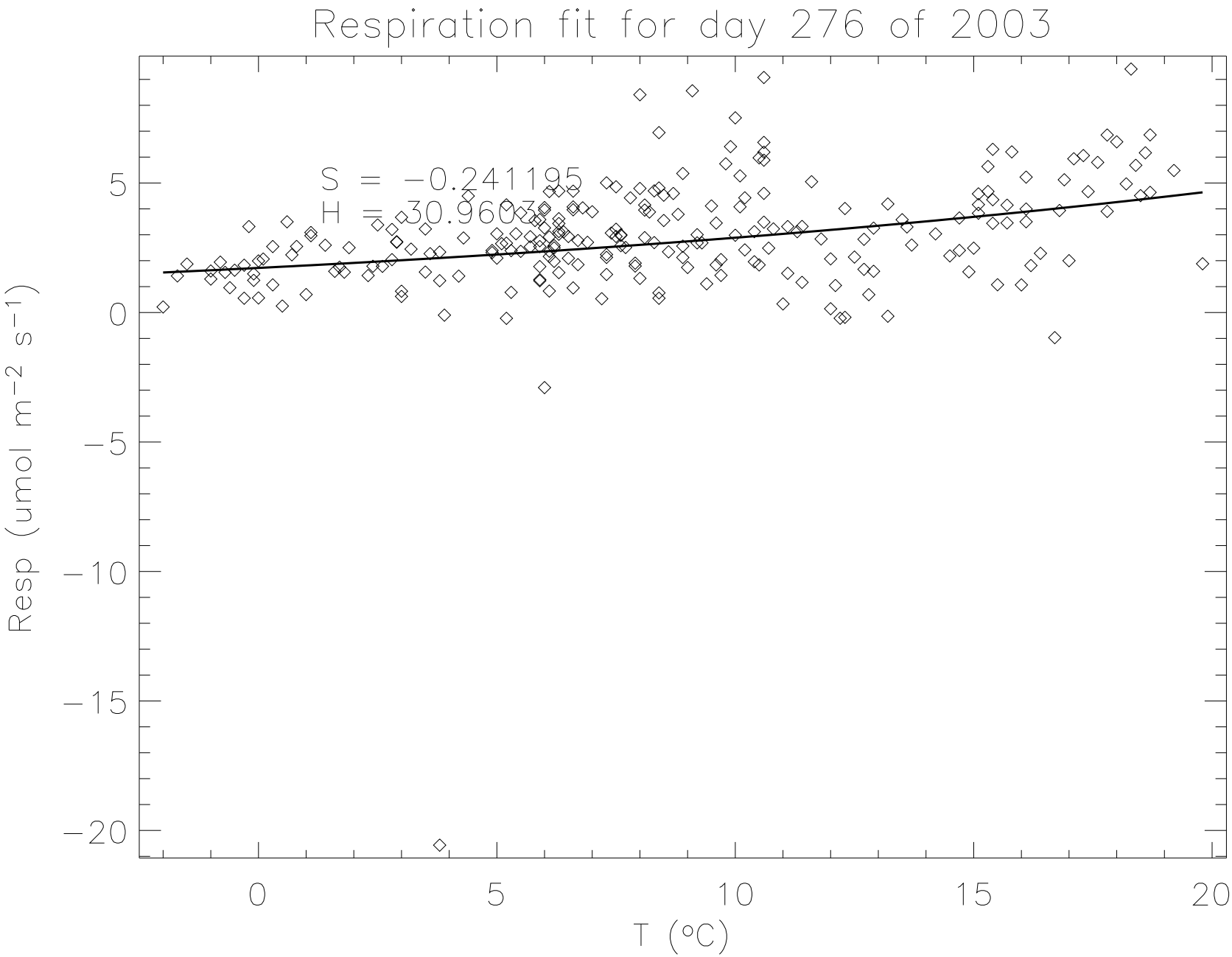
Respiration fit for day 272 of 2003
S = −0.234147
H = 32.85188
Resp (umol m−2 s−1)
T (°C)
10
5
0
−5
−10
−15
−20
0
5
10
15
20

Respiration fit for day 273 of 2003
S = −0.2358721
H = 32.37473
Resp (umol m−2 s−1)
T (°C)
−20
−15
−10
−5
0
5
0
5
10
15
20

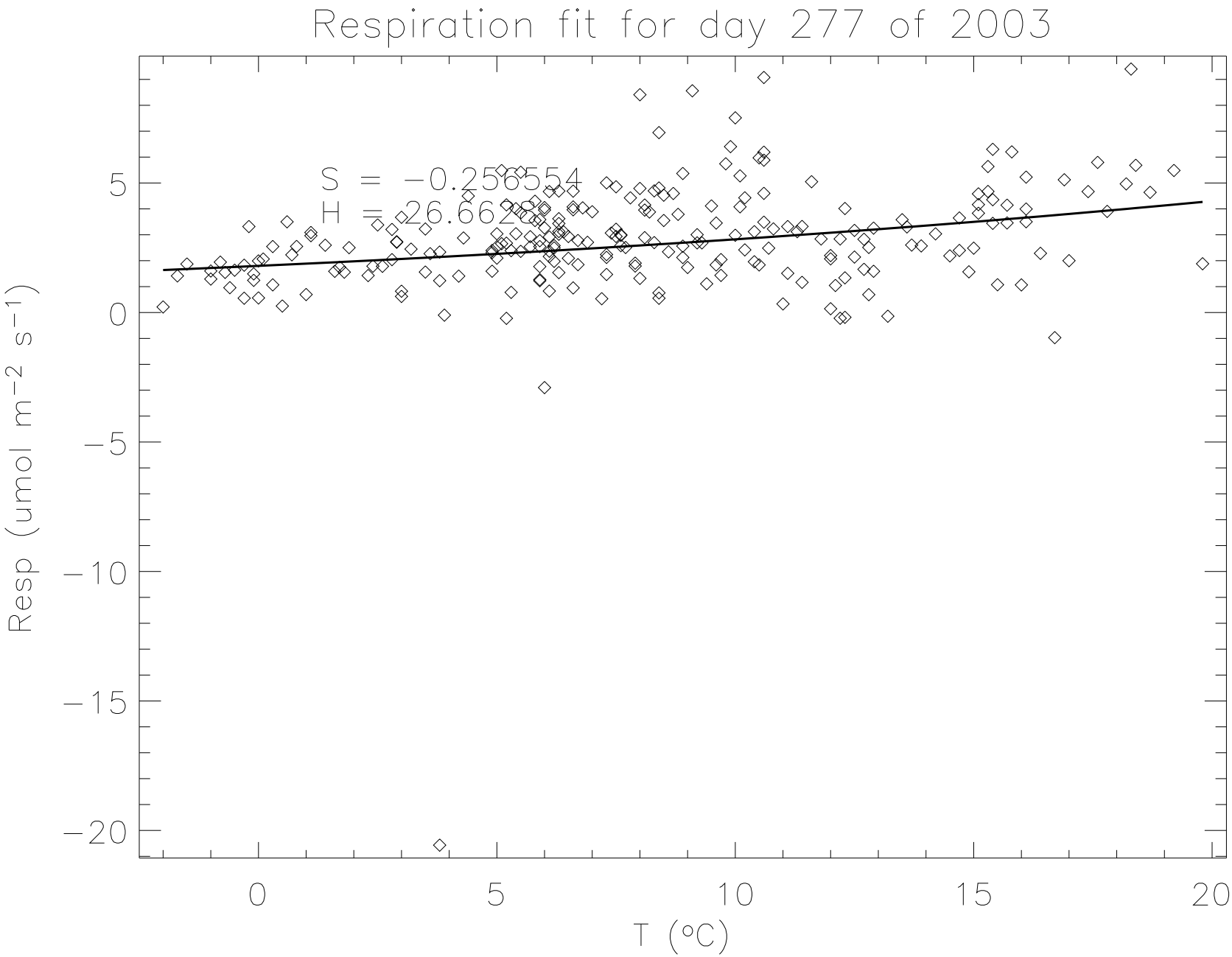


Respiration fit for day 274 of 2003
S = −0.231911
H = 33.5123
Resp (umol m−2 s−1)
T (°C)
5
0
−5
−10
−15
−20
0
5
10
15
20

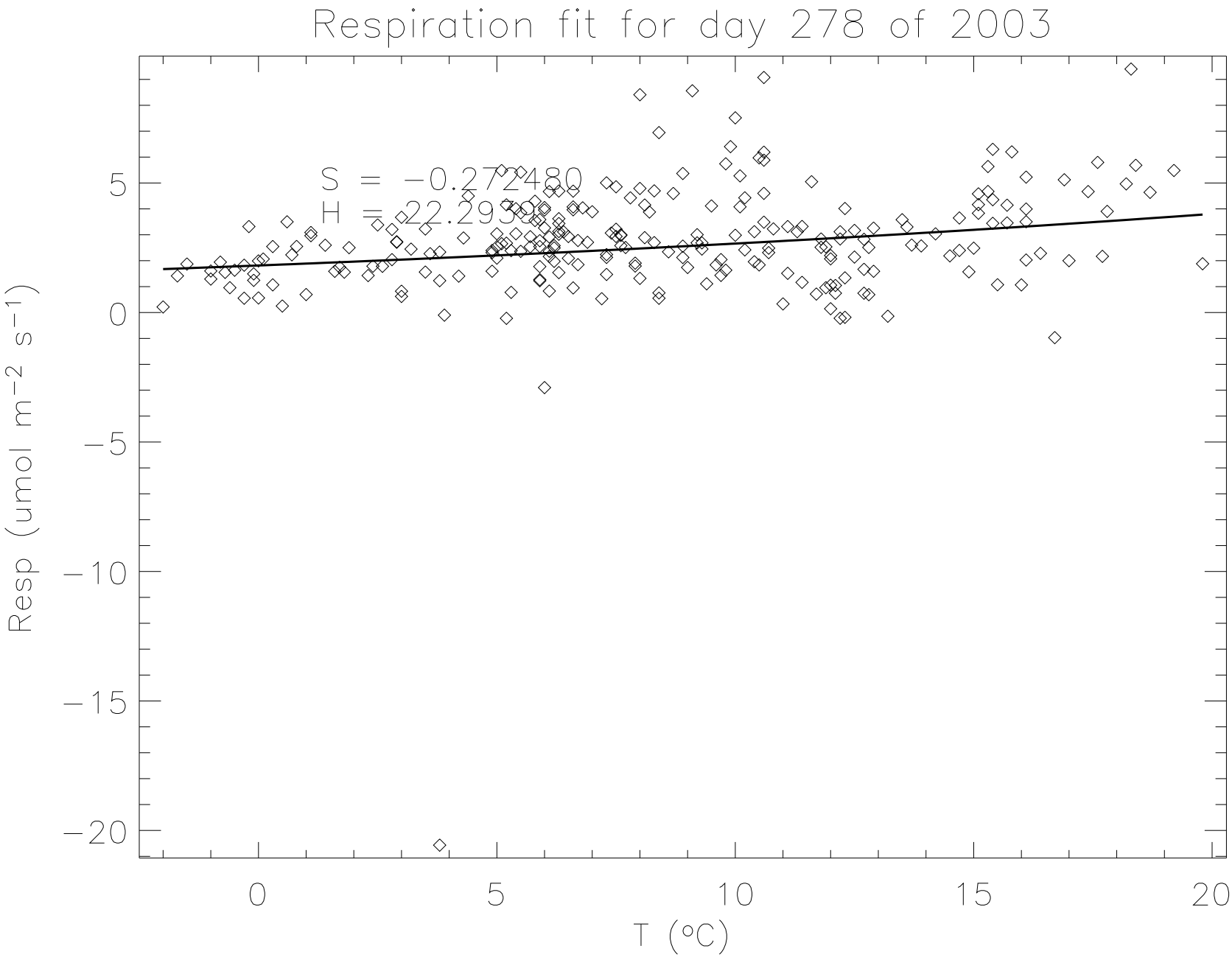
Respiration fit for day 275 of 2003
S = −0.233777
H = 32.9937
Resp (umol m−2 s−1)
T (°C)
−20
−15
−10
−5
0
5
0
5
10
15
20



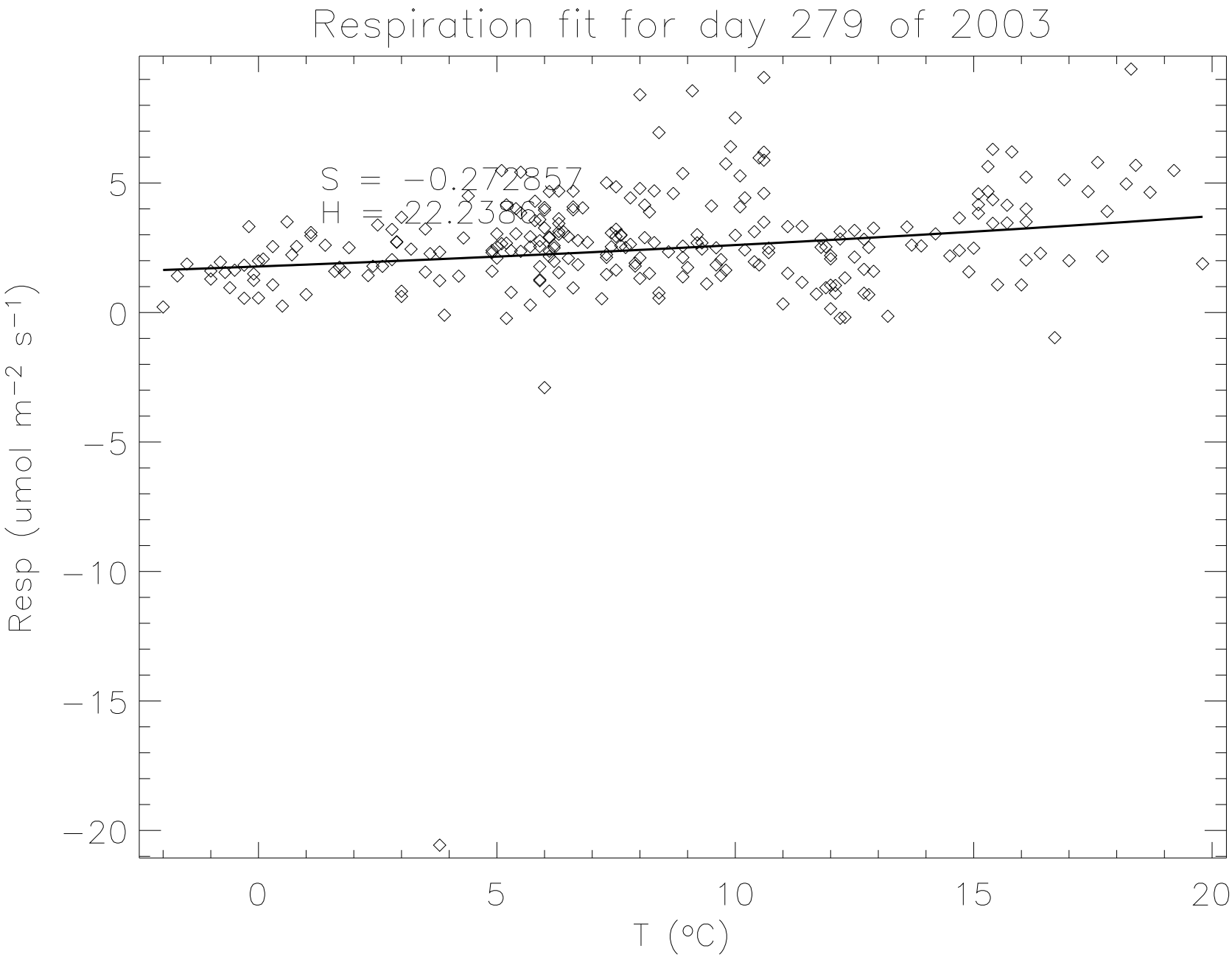
Respiration fit for day 276 of 2003
S = −0.241195
H = 30.9603
Resp (umol m−2 s−1)
T (°C)
5
0
−5
−10
−15
−20
0
5
10
15
20



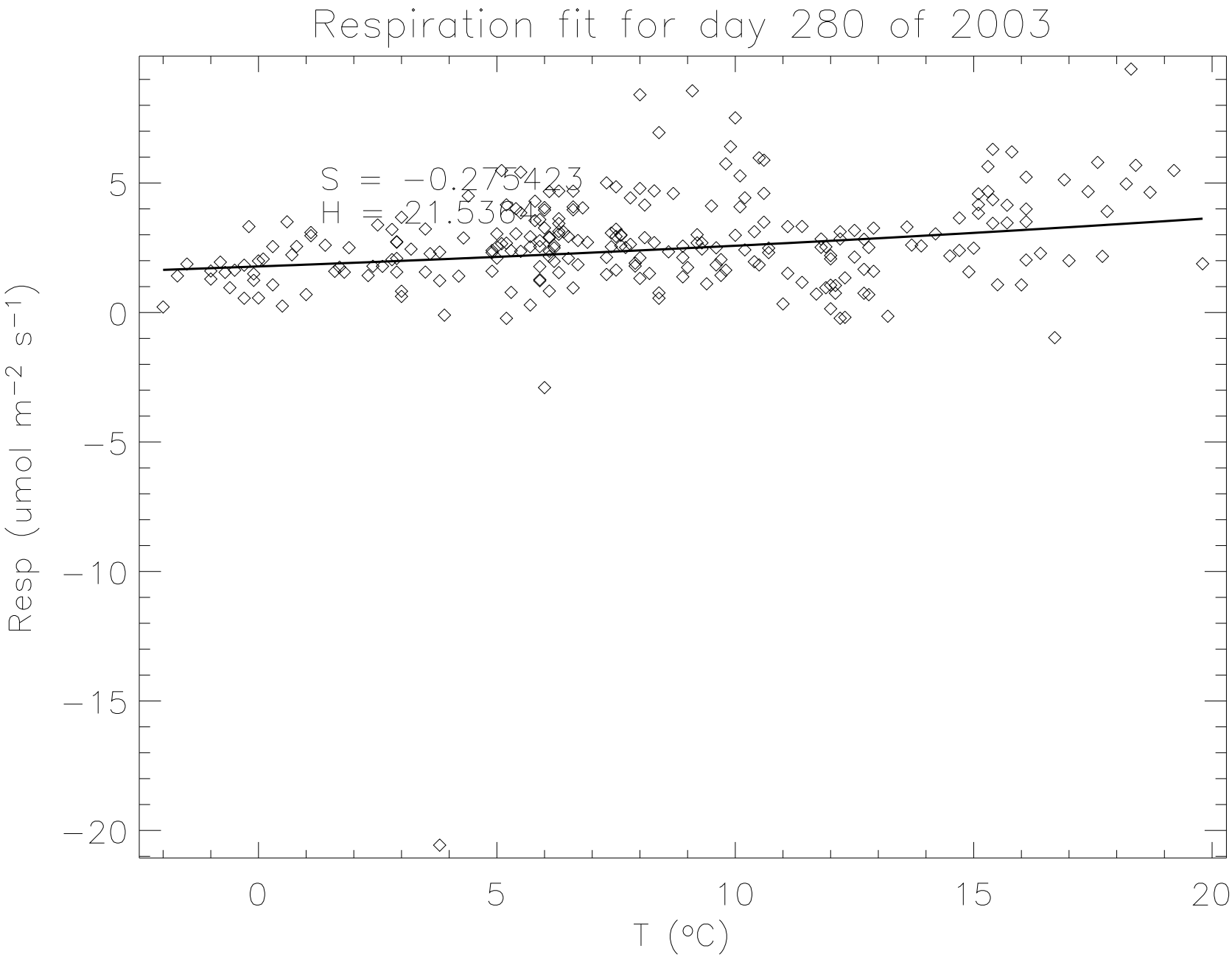
Respiration fit for day 277 of 2003
S = −0.256554
H = 26.6628
Resp (umol m−2 s−1)
T (°C)
5
0
−5
−10
−15
−20
0
5
10
15
20



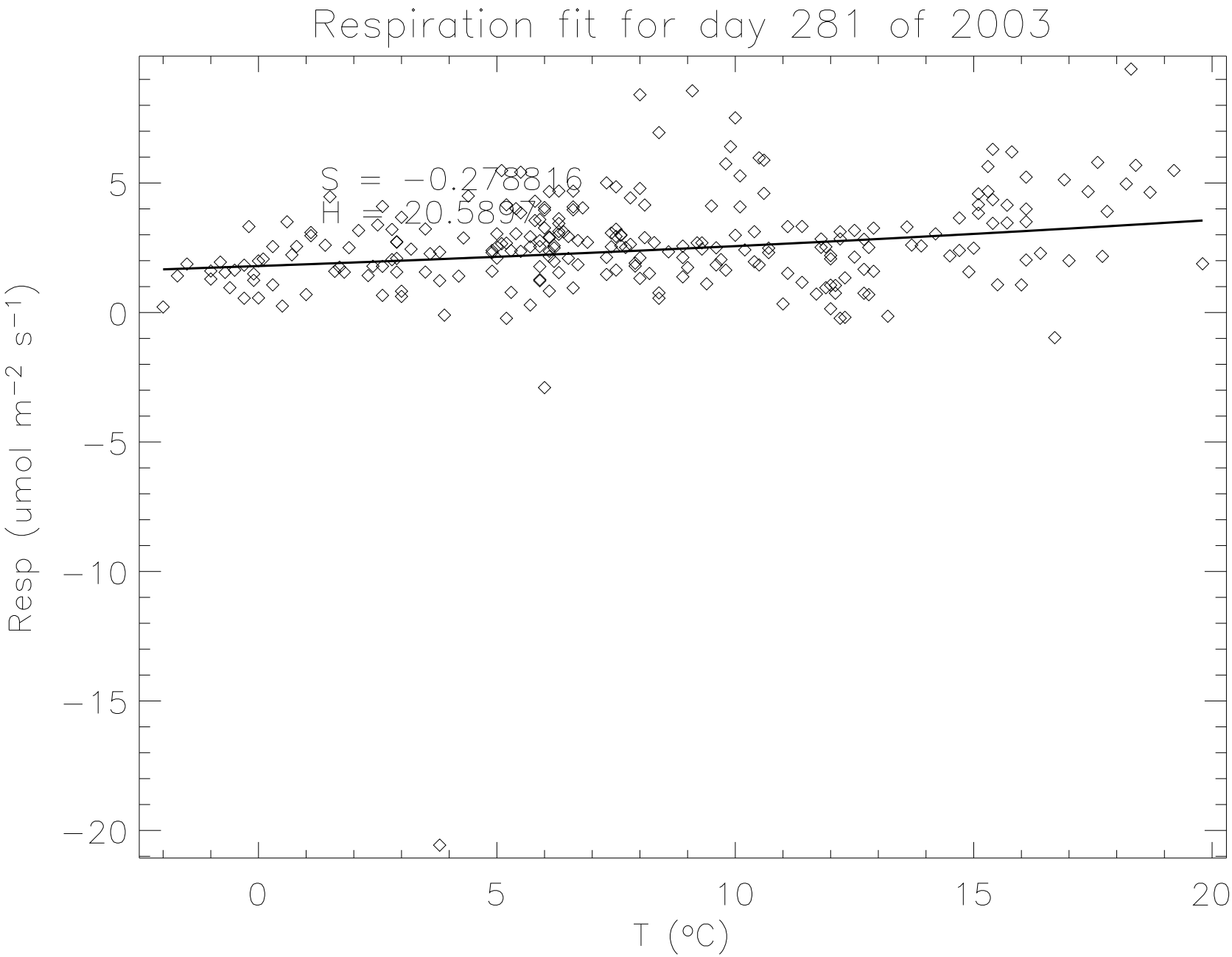
Respiration fit for day 278 of 2003
S = −0.272480
H = 22.2939
Resp (umol m−2 s−1)
T (°C)
5
0
−5
−10
−15
−20
0
5
10
15
20



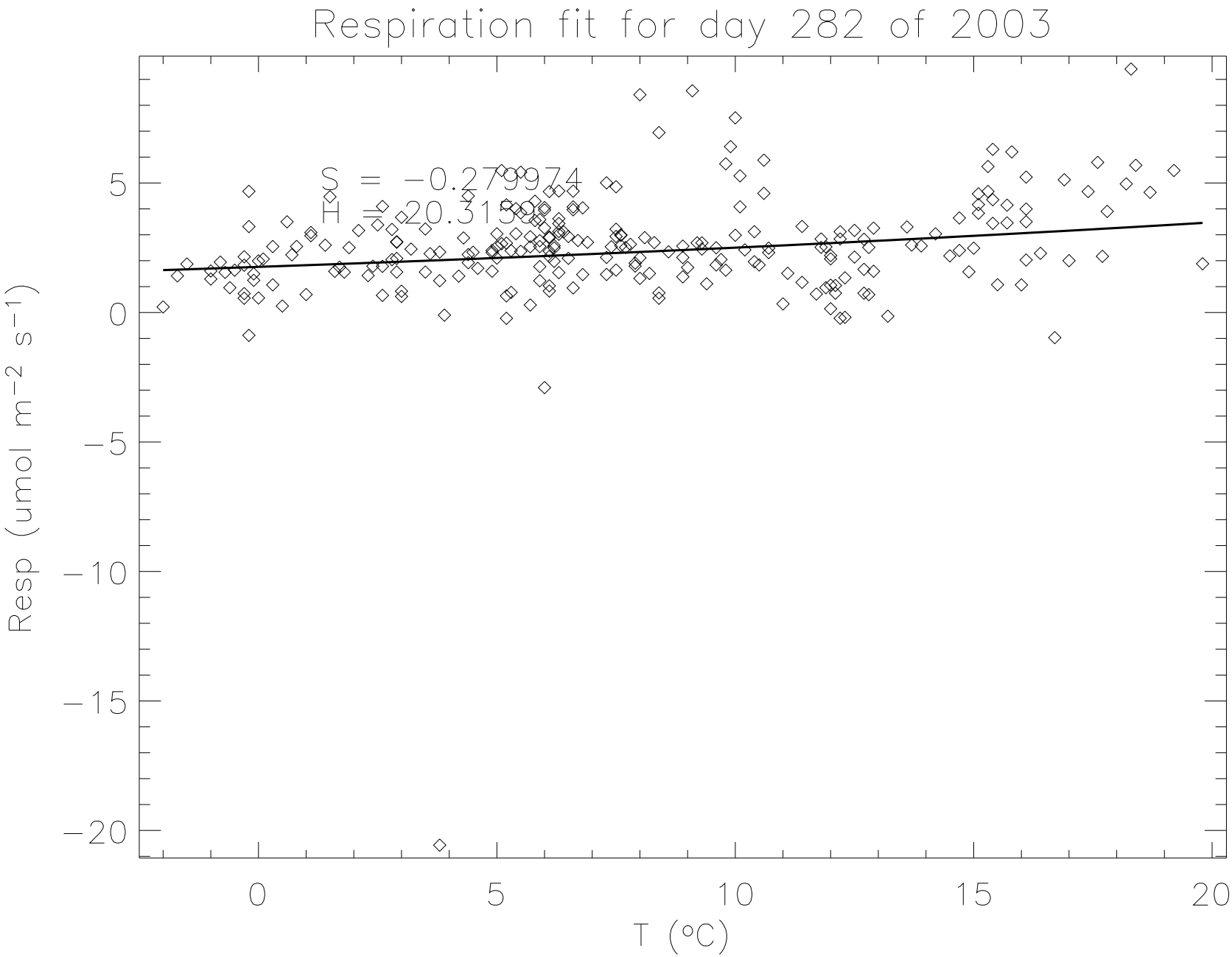
Respiration fit for day 279 of 2003
S = −0.272857
H = 22.2386
Resp (umol m−2 s−1)
T (°C)
5
0
−5
−10
−15
−20
0
5
10
15
20



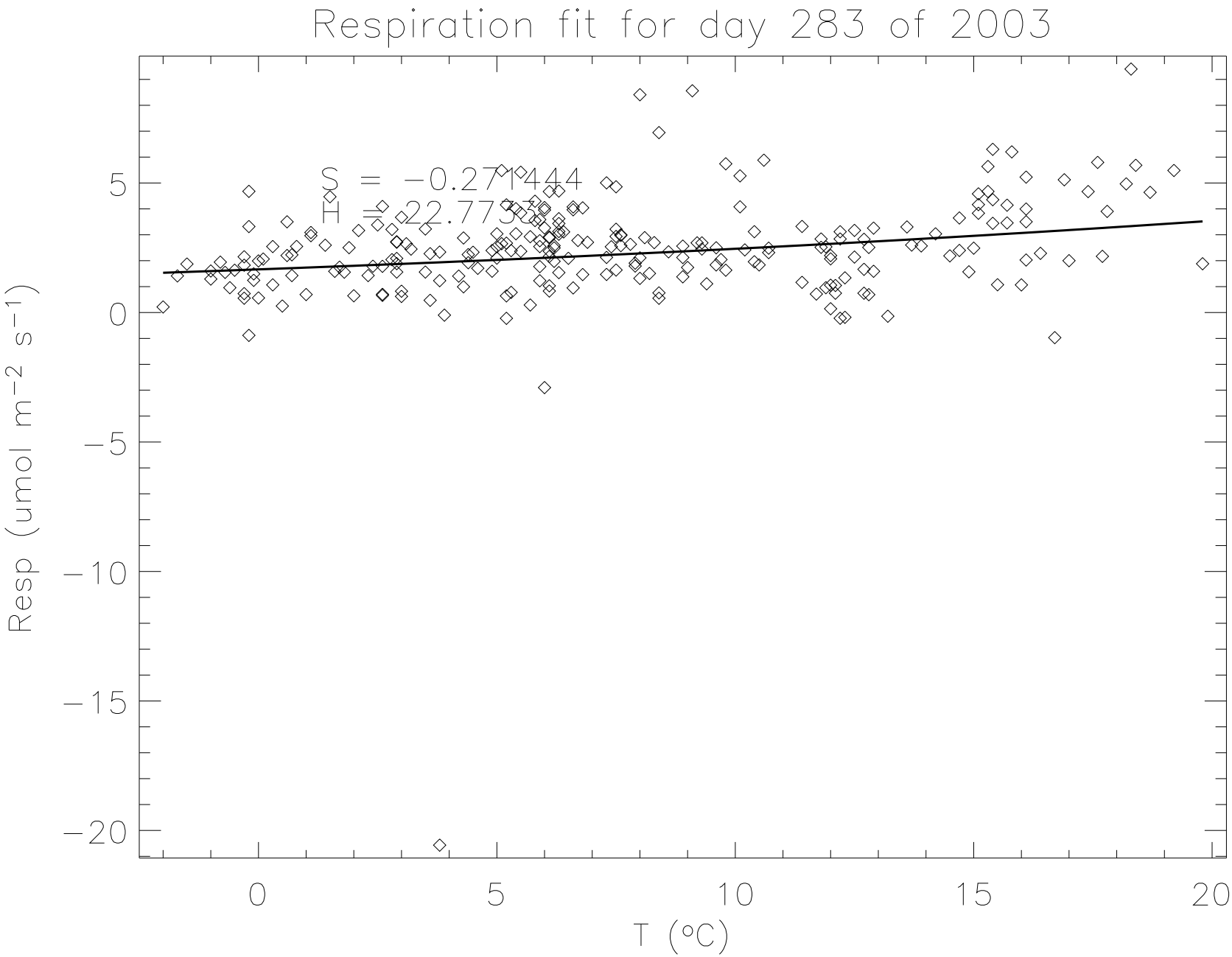
Respiration fit for day 280 of 2003
S = −0.275423
H = 21.5364
Resp (umol m−2 s−1)
T (°C)
5
0
−5
−10
−15
−20
0
5
10
15
20



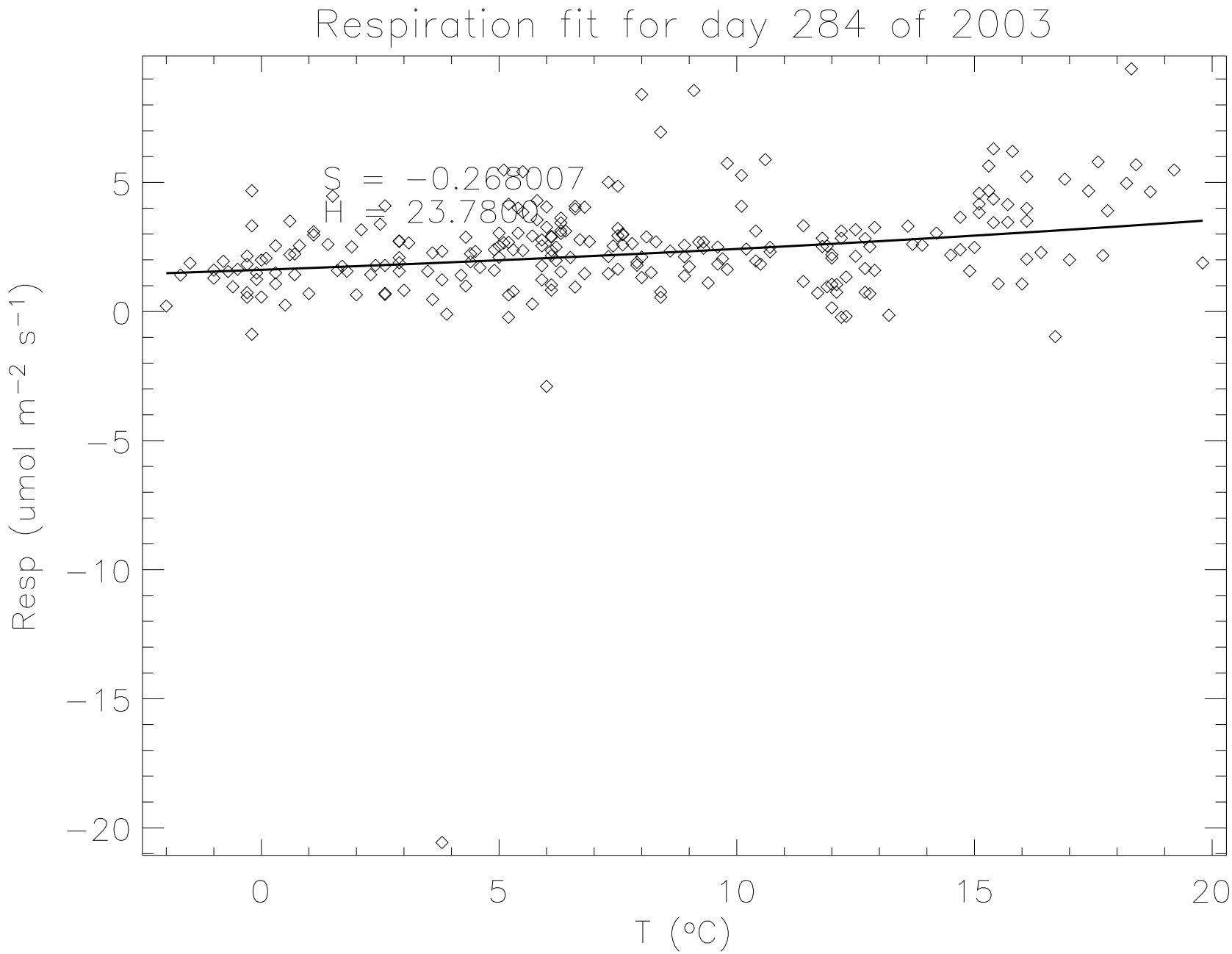
Respiration fit for day 281 of 2003
S = −0.278816
H = 20.5897
Resp (umol m−2 s−1)
T (°C)
5
0
−5
−10
−15
−20
0
5
10
15
20



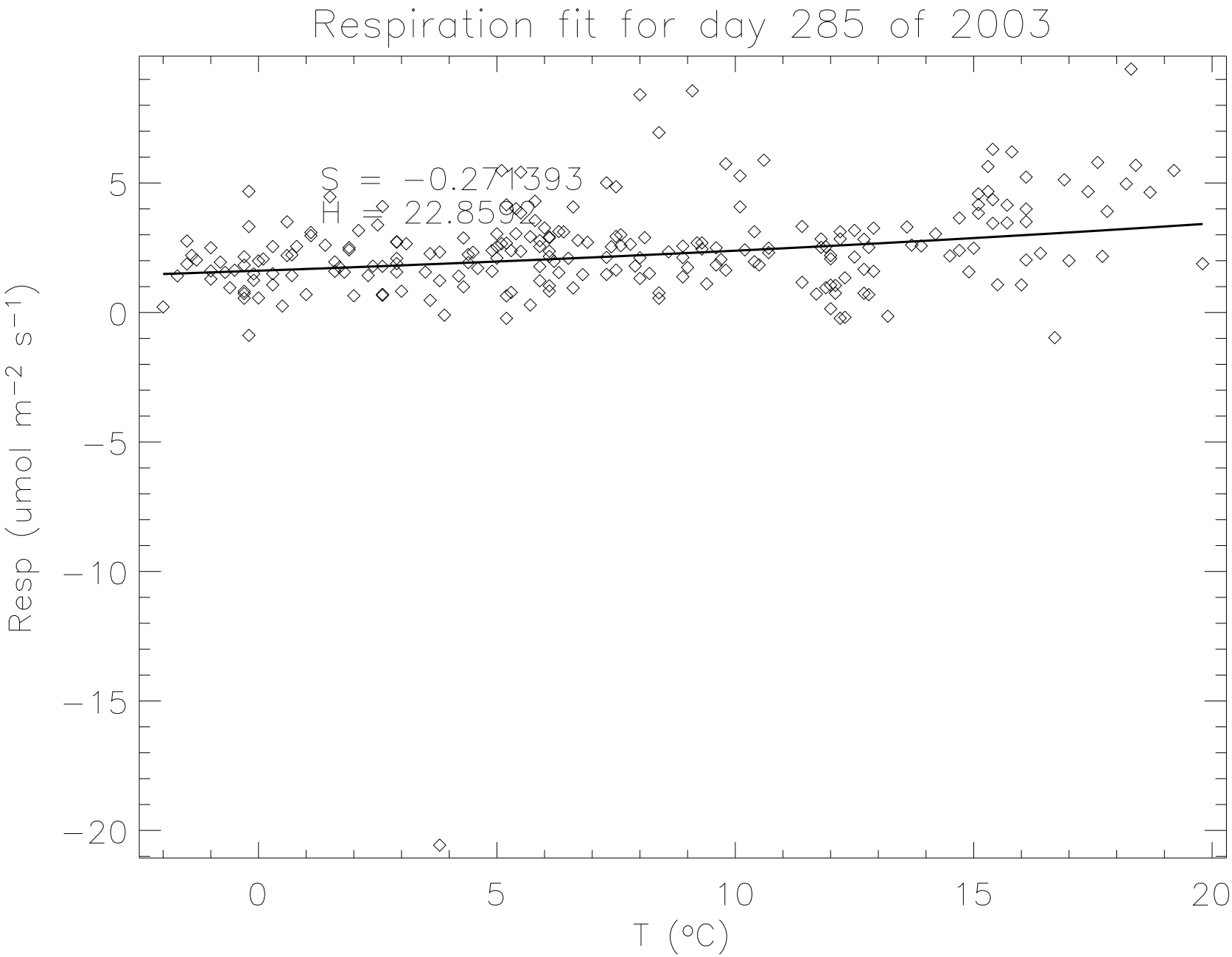
Respiration fit for day 282 of 2003
S = −0.279974
H = 20.3159
Resp (umol m−2 s−1)
T (°C)
5
0
−5
−10
−15
−20
0
5
10
15
20



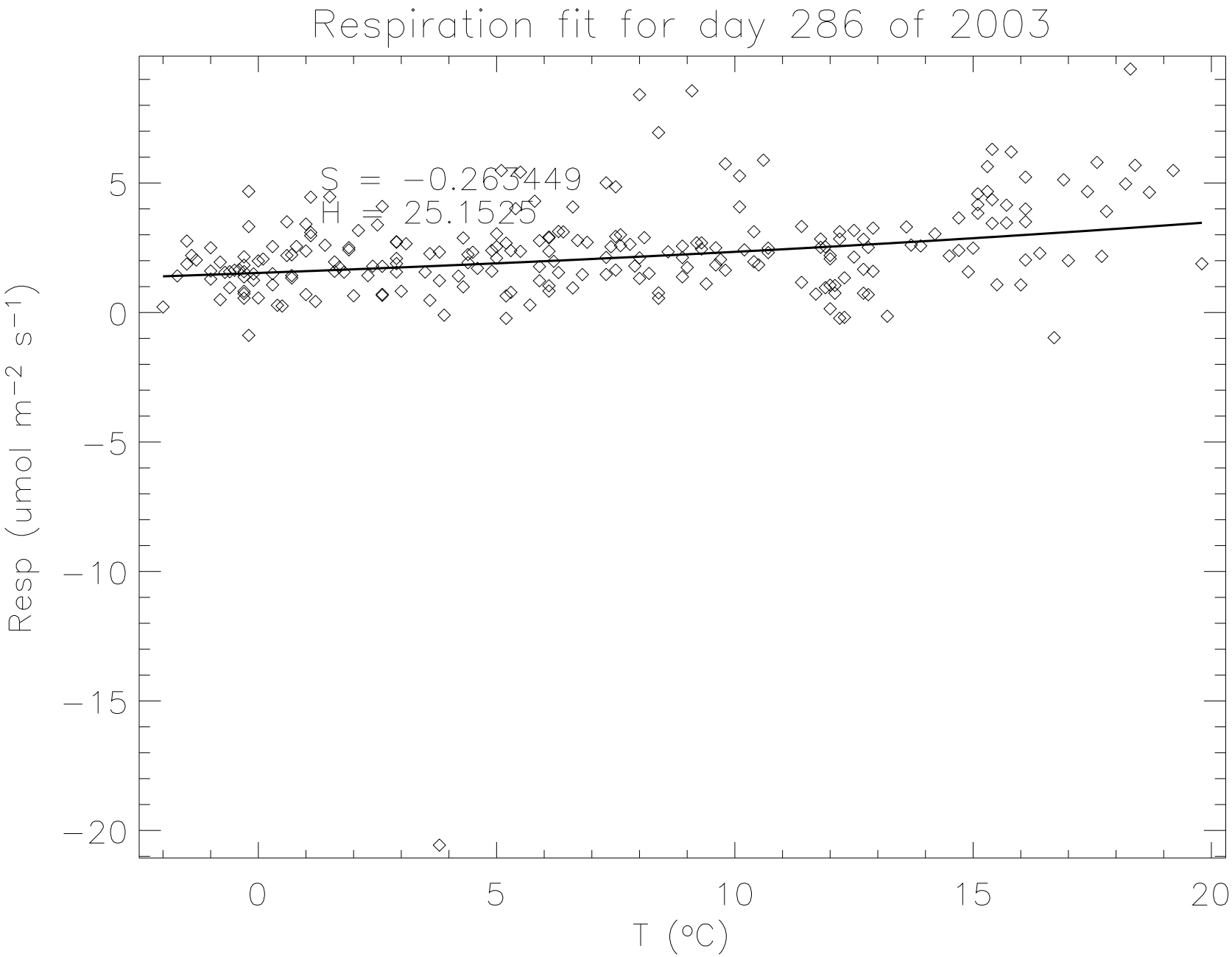
Respiration fit for day 283 of 2003
S = −0.271444
H = 22.7733
Resp (umol m−2 s−1)
T (°C)
5
0
−5
−10
−15
−20
0
5
10
15
20



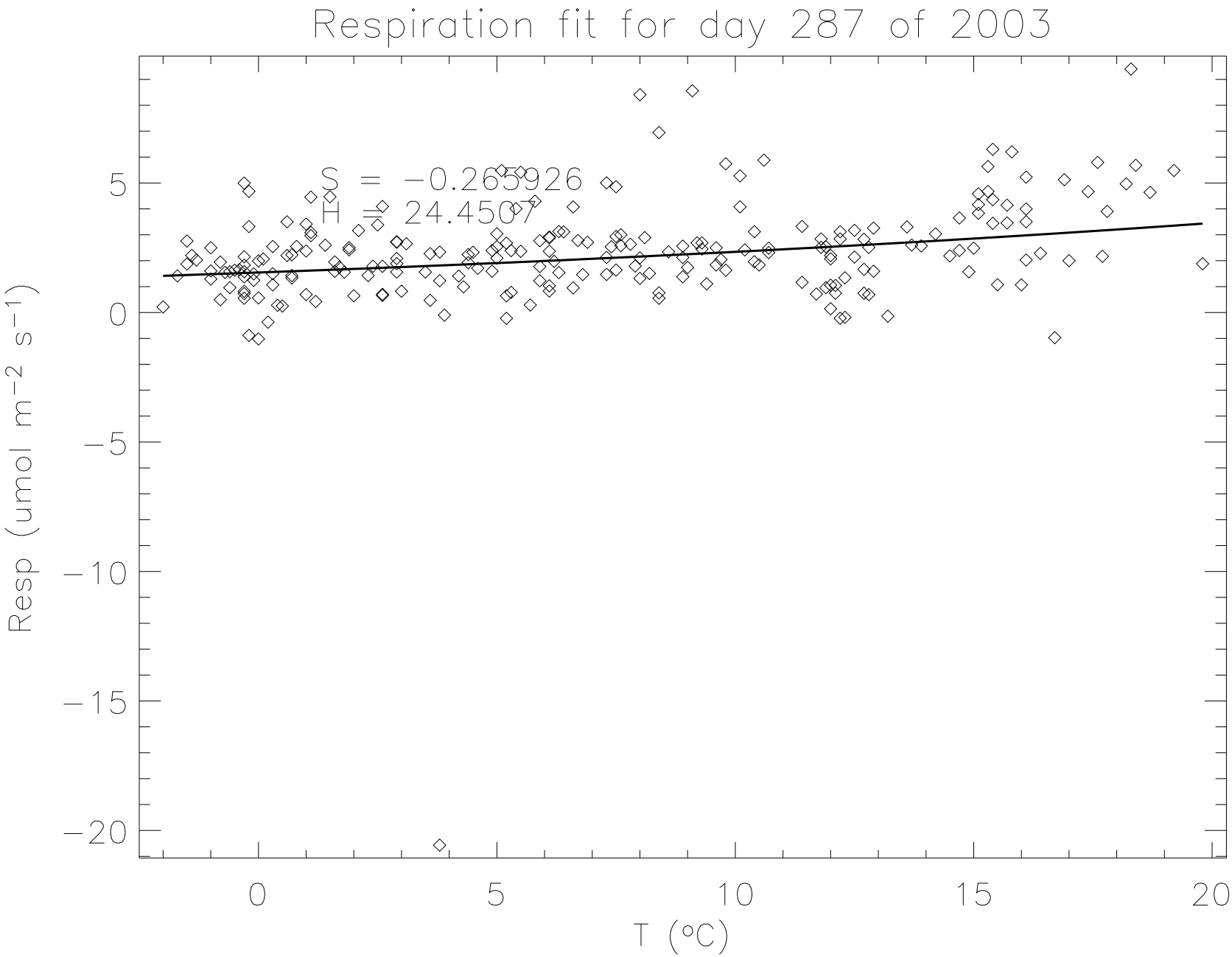
Respiration fit for day 284 of 2003
S = −0.268007
H = 23.7800
Resp (umol m−2 s−1)
T (°C)
5
0
−5
−10
−15
−20
0
5
10
15
20



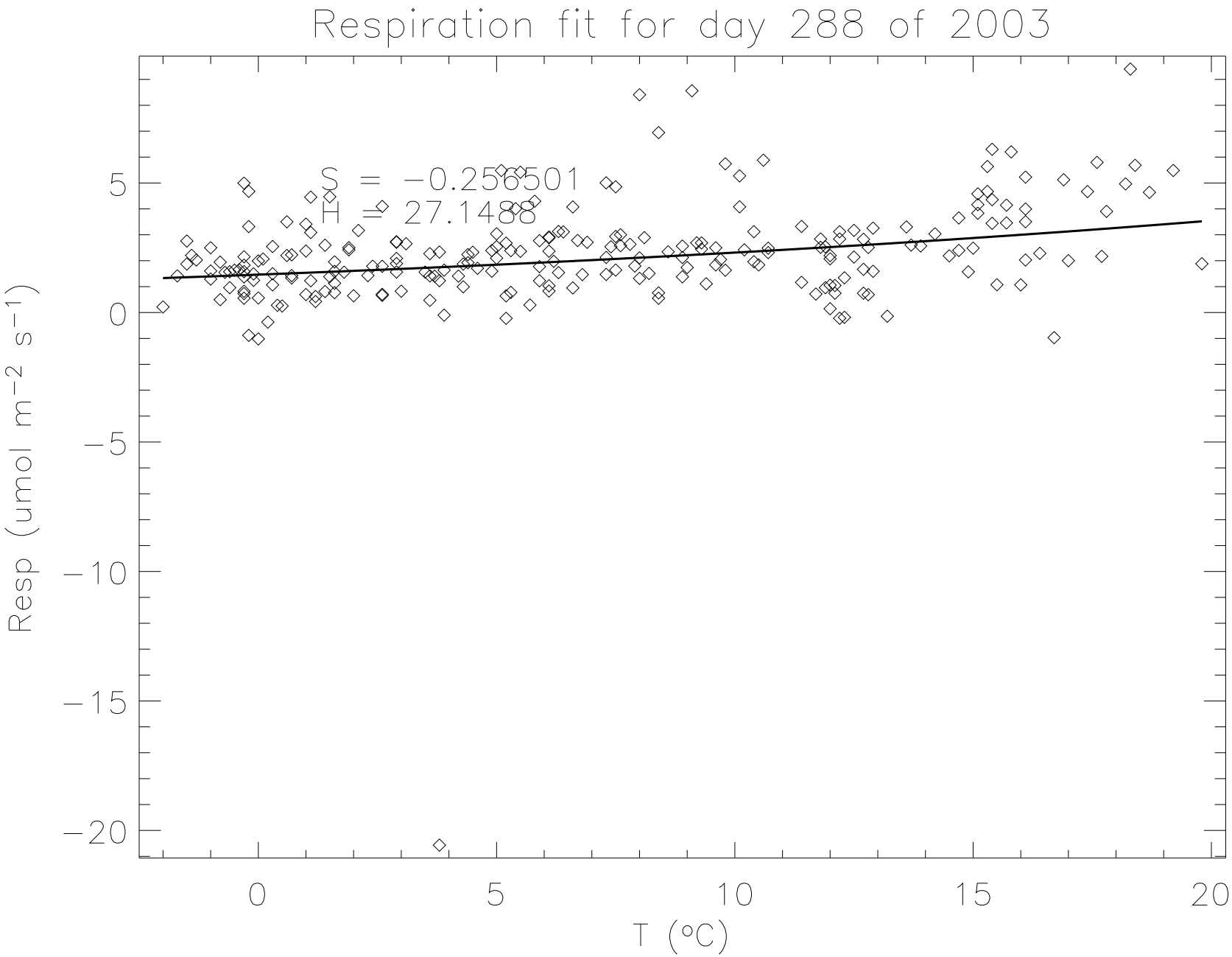
Respiration fit for day 285 of 2003
S = −0.271393
H = 22.8592
Resp (umol m−2 s−1)
T (°C)
5
0
−5
−10
−15
−20
0
5
10
15
20



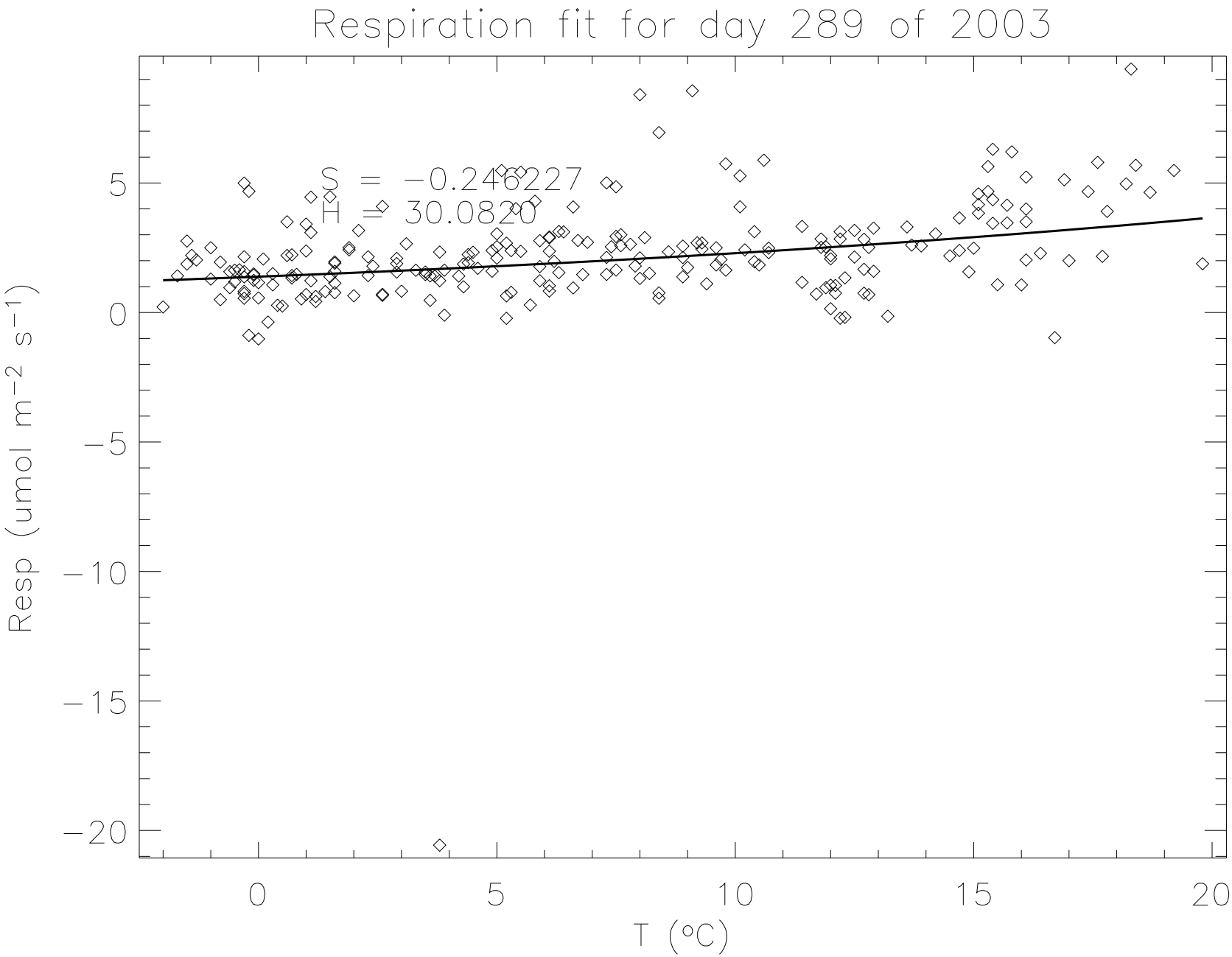
Respiration fit for day 286 of 2003
S = −0.263449
H = 25.1525
Resp (umol m−2 s−1)
T (°C)
5
0
−5
−10
−15
−20
0
5
10
15
20



Respiration fit for day 287 of 2003
S = −0.265926
H = 24.4507
Resp (umol m−2 s−1)
T (°C)
5
0
−5
−10
−15
−20
0
5
10
15
20



Respiration fit for day 288 of 2003
S = −0.256501
H = 27.1488
Resp (umol m−2 s−1)
T (°C)
5
0
−5
−10
−15
−20
0
5
10
15
20



Respiration fit for day 289 of 2003
S = −0.246227
H = 30.0820
Resp (umol m−2 s−1)
T (°C)
5
0
−5
−10
−15
−20
0
5
10
15
20

Respiration fit for day 290 of 2003
S = −0.242264
E = 31.2027
Resp (umol m−2 s−1)
T (°C)
−20
−15
−10
−5
0
5
0
5
10
15
20

Respiration fit for day 291 of 2003
S = −0.239854
E = 31.9596
Resp (umol m−2 s−1)
T (°C)
−20
−15
−10
−5
0
5
0
5
10
15
20

Respiration fit for day 292 of 2003
S = −0.247922
H = 29.6108
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
8
0
5
10
15
20

Respiration fit for day 293 of 2003
S = −0.251595
H = 28.5598
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
8
0
5
10
15
20

Respiration fit for day 294 of 2003
S = −0.250616
H = 28.8410
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
8
0
5
10
15
20

Respiration fit for day 295 of 2003
S = −0.252708
H = 28.2374
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−5
0
5
10
15
20
T (°C)

Respiration fit for day 296 of 2003
S = −0.262619
H = 25.4172
Resp (umol m−2 s−1)
8
6
4
2
0
−2
T (°C)
−10
−5
0
5
10
15

Respiration fit for day 297 of 2003
S = −0.252769
H = 28.1431
Resp (umol m−2 s−1)
8
6
4
2
0
−2
T (°C)
−10
−5
0
5
10
15

Respiration fit for day 298 of 2003
S = −0.2542782
H = 27.8162
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
10
15
−2
0
2
4
6
8

Respiration fit for day 299 of 2003
S = −0.2551123
H = 27.6164
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
10
15
−2
0
2
4
6
8

Respiration fit for day 300 of 2003
S = −0.278993
H = 21.1387
Resp (umol m−2 s−1)
6
4
2
0
−2
−4
−10
−5
0
5
10
15
T (°C)

Respiration fit for day 301 of 2003
S = −0.279329
H = 21.0997
Resp (umol m−2 s−1)
6
4
2
0
−2
−4
−10
−5
0
5
10
15
T (°C)

Respiration fit for day 302 of 2003
S = −0.269080
H = 24.0882
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
10
15
−4
−2
0
2
4

Respiration fit for day 303 of 2003
S = −0.272380
H = 23.2145
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
10
15
−4
−2
0
2
4

Respiration fit for day 304 of 2003
S = −0.271991
H = 23.3410
Resp (umol m−2 s−1)
−4
−2
0
2
4
T (°C)
−10
−5
0
5
10
15

Respiration fit for day 305 of 2003
S = −0.269265
H = 24.0662
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
10
15
−4
−2
0
2
4

Respiration fit for day 306 of 2003
S = −0.279023
H = 21.4404
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
10
15
−4
−2
0
2
4

Respiration fit for day 307 of 2003
S = −0.277881
H = 21.7525
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
10
15
−4
−2
0
2
4

Respiration fit for day 308 of 2003
S = −0.293505
H = 17.5772
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
10
15
−4
−2
0
2
4

Respiration fit for day 309 of 2003
S² = −0.289240
H = 18.7873
Resp (umol m⁻² s⁻¹)
4
2
0
−2
−4
T (°C)
−10
−5
0
5
10

Respiration fit for day 310 of 2003
S = −0.296660
H = 16.7953
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
−4
−2
0
2
4

Respiration fit for day 311 of 2003
S = −0.293760
H = 17.6280
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
−4
−2
0
2
4

Respiration fit for day 312 of 2003
S = −0.299456
H = 16.1013
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
−4
−2
0
2
4

Respiration fit for day 313 of 2003
S = −0.304060
H = 14.8794
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
−4
−2
0
2
4

Respiration fit for day 314 of 2003
S = −0.302398
H = 15.3347
Resp (umol m−2 s−1)
4
2
0
−2
−4
−10
−5
0
5
T (°C)

Respiration fit for day 315 of 2003
S = −0.302063
H = 15.4344
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
−4
−2
0
2
4

Respiration fit for day 316 of 2003
S = −0.302462
H = 15.3665
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
−4
−2
0
2
4

Respiration fit for day 317 of 2003
S = −0.300921
H = 15.8208
Resp (umol m−2 s−1)
4
2
0
−2
−4
−10
−5
0
5
T (°C)

Respiration fit for day 318 of 2003
S = −0.262593
H = 26.3660
Resp (umol m−2 s−1)
4
2
0
−2
−4
−10
−5
0
5
T (°C)

Respiration fit for day 319 of 2003
S = −0.261928
H = 26.5515
Resp (umol m−2 s−1)
4
2
0
−2
−4
−10
−5
0
5
T (°C)

Respiration fit for day 320 of 2003
S = −0.269584
H = 24.4968
Resp (umol m−2 s−1)
4
2
0
−2
−4
−10
−5
0
5
T (°C)

Respiration fit for day 321 of 2003
S = −0.270640
H = 24.1949
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
−4
−2
0
2
4

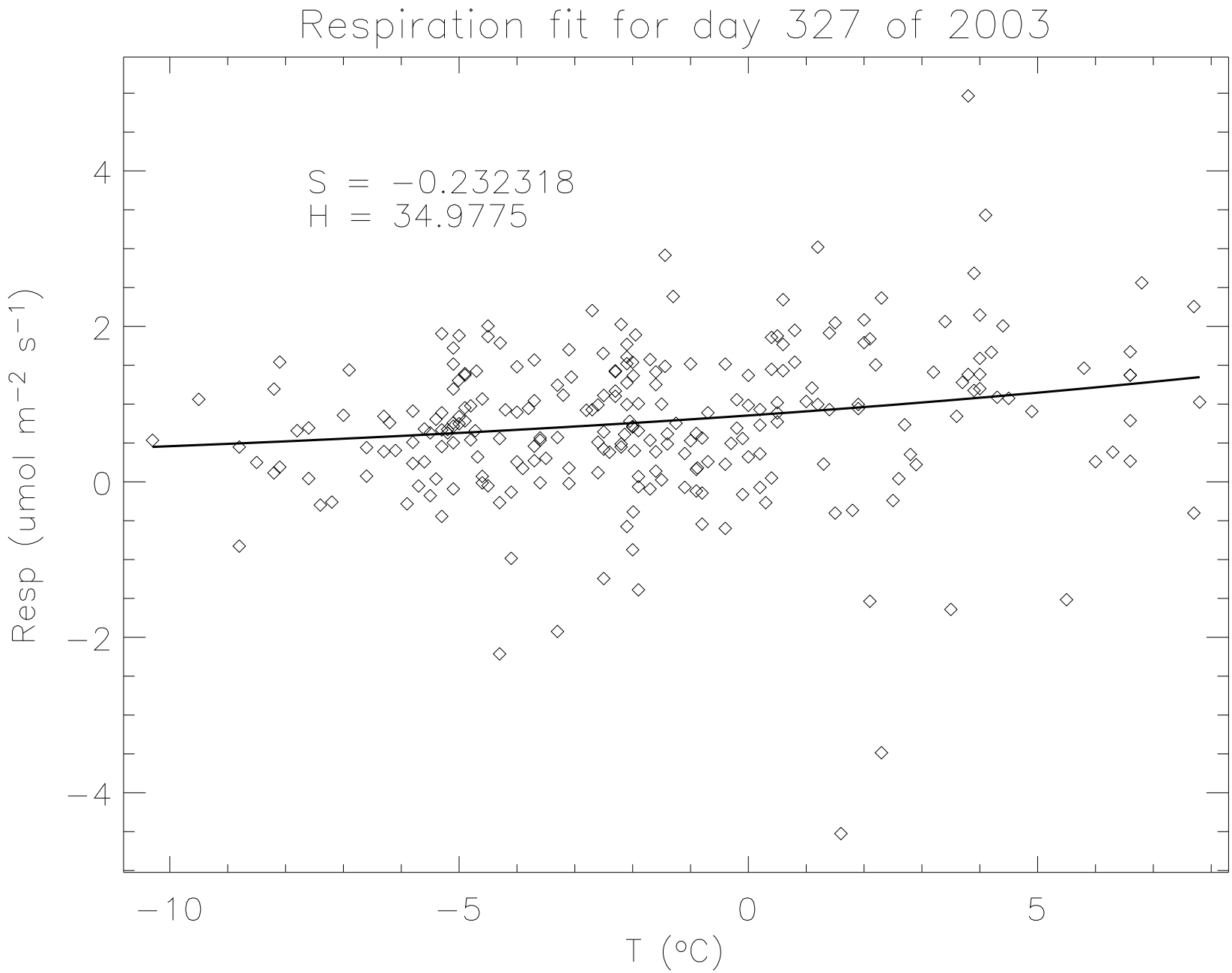
Respiration fit for day 322 of 2003
S = −0.271427
H = 24.0483
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
−4
−2
0
2
4

Respiration fit for day 323 of 2003
S = −0.2694459
H = 24.6360
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
−4
−2
0
2
4

Respiration fit for day 324 of 2003
S = −0.274005
H = 23.4842
Resp (umol m−2 s−1)
4
2
0
−2
−4
−10
−5
0
5
T (°C)

Respiration fit for day 325 of 2003
S = −0.271203
H = 24.2574
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
−4
−2
0
2
4

Respiration fit for day 326 of 2003
S = −0.2679789
H = 25.1801
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
−4
−2
0
2
4


Respiration fit for day 327 of 2003
S = −0.232318
H = 34.9775
Resp (umol m−2 s−1)
4
2
0
−2
−4
−10
−5
0
5
T (°C)

Respiration fit for day 328 of 2003
S = −0.236240
H = 33.9049
Resp (umol m−2 s−1)
4
2
0
−2
−4
T (°C)
−10
−5
0
5

Respiration fit for day 329 of 2003
S = −0.246847
H = 30.9809
Resp (umol m−2 s−1)
4
2
0
−2
−4
T (°C)
−10
−5
0
5

Respiration fit for day 330 of 2003
S = −0.272267
H = 24.0812
Resp (umol m−2 s−1)
T (°C)
−15
−10
−5
0
5
−4
−2
0
2
4

Respiration fit for day 331 of 2003
S = −0.264873
H = 26.0681
Resp (umol m−2 s−1)
4
2
0
−2
T (°C)
−15
−10
−5
0
5

Respiration fit for day 332 of 2003
S = −0.270808
H = 24.4515
Resp (umol m−2 s−1)
T (°C)
−15
−10
−5
0
5
−2
0
2
4

Respiration fit for day 333 of 2003
S = −0.2761779
H = 22.95574
Resp (umol m−2 s−1)
4
2
0
−2
T (°C)
−15
−10
−5
0
5

Respiration fit for day 334 of 2003
S = −0.269289
H = 24.9367
Resp (umol m−2 s−1)
3
2
1
0
−1
−2
T (°C)
5
0
−5
−10
−15

Respiration fit for day 335 of 2003
S = −0.275212
H = 23.3163
Resp (umol m−2 s−1)
3
2
1
0
−1
−2
T (°C)
5
0
−5
−10
−15

Respiration fit for day 336 of 2003
S = −0.298100
H = 17.1642
Resp (umol m−2 s−1)
3
2
1
0
−1
−2
T (°C)
5
0
−5
−10
−15

Respiration fit for day 337 of 2003
S = −0.361930
H = −0.000000
Resp (umol m−2 s−1)
3
2
1
0
−1
−2
T (°C)
5
0
−5
−10
−15

Respiration fit for day 338 of 2003
S = −0.362118
H = −0.000000
Resp (umol m−2 s−1)
3
2
1
0
−1
−2
T (°C)
5
0
−5
−10
−15

Respiration fit for day 339 of 2003
S = −0.362406
H = −0.000000
Resp (umol m−2 s−1)
3
2
1
0
−1
−2
T (°C)
5
0
−5
−10
−15

Respiration fit for day 340 of 2003
S = −0.362562
H = −0.00000
Resp (umol m⁻² s⁻¹)
3
2
1
0
−1
−2
T (°C)
0
−5
−10
−15

Respiration fit for day 341 of 2003
S = −0.362699
H = −0.00000
Resp (umol m−2 s−1)
3
2
1
0
−1
−2
T (°C)
0
−5
−10
−15

Respiration fit for day 342 of 2003
S = −0.362977
H = −0.00000
Resp (umol m−2 s−1)
3
2
1
0
−1
−2
T (°C)
0
−5
−10
−15

Respiration fit for day 343 of 2003
S = −0.363016
H = −0.00000
Resp (umol m⁻² s⁻¹)
3
2
1
0
−1
−2
T (°C)
0
−5
−10
−15

Respiration fit for day 344 of 2003
S = −0.362992
H = −0.00000
Resp (umol m−2 s−1)
3
2
1
0
−1
−2
T (°C)
0
−5
−10
−15

Respiration fit for day 345 of 2003
S = −0.363027
H = −0.00000
Resp (umol m−2 s−1)
3
2
1
0
−1
−2
T (°C)
0
−5
−10
−15

Respiration fit for day 346 of 2003
S = −0.363005
H = −0.00000
Resp (umol m−2 s−1)
3
2
1
0
−1
−2
T (°C)
5
0
−5
−10
−15

Respiration fit for day 347 of 2003
S = −0.363008
H = −0.000000
Resp (umol m−2 s−1)
T (°C)
3
2
1
0
−1
−2
5
0
−5
−10
−15

Respiration fit for day 348 of 2003
S = −0.363100
H = −0.000000
Resp (umol m−2 s−1)
T (°C)
3
2
1
0
−1
−2
5
0
−5
−10
−15

Respiration fit for day 349 of 2003
S = −0.362916
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
3
2
1
0
−1
−2
5
0
−5
−10
−15

Respiration fit for day 350 of 2003
S = −0.363030
H = −0.000000
Resp (umol m−2 s−1)
T (°C)
3
2
1
0
−1
−2
5
0
−5
−10
−15

Respiration fit for day 351 of 2003
S = −0.363156
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
3
2
1
0
−1
−15
−10
−5
0
5

Respiration fit for day 352 of 2003
S = −0.363169
H = −0.00000
Resp (umol m−2 s−1)
3
2
1
0
−1
T (°C)
5
0
−5
−10
−15

Respiration fit for day 353 of 2003
S = −0.362998
H = −0.000000
Resp (umol m−2 s−1)
T (°C)
3
2
1
0
−1
−15
−10
−5
0
5

Respiration fit for day 354 of 2003
S = −0.363012
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
3
2
1
0
−1
−15
−10
−5
0
5

Respiration fit for day 355 of 2003
S = −0.362931
H = −0.00000
Resp (umol m−2 s−1)
3
2
1
0
−1
T (°C)
5
0
−5
−10
−15

Respiration fit for day 356 of 2003
S = −0.362987
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
3
2
1
0
−1
−15
−10
−5
0
5

Respiration fit for day 357 of 2003
S = −0.363039
H = −0.00000
Resp (umol m−2 s−1)
3
2
1
0
−1
T (°C)
5
0
−5
−10
−15

Respiration fit for day 358 of 2003
S = −0.362920
H = −0.000000
Resp (umol m−2 s−1)
T (°C)
3
2
1
0
−1
−15
−10
−5
0
5

Respiration fit for day 359 of 2003
S = −0.362920
H = −0.000000
Resp (umol m−2 s−1)
T (°C)
3
2
1
0
−1
−15
−10
−5
0
5

Respiration fit for day 360 of 2003
S = −0.363008
H = −0.000000
Resp (umol m−2 s−1)
T (°C)
3
2
1
0
−1
−15
−10
−5
0
5

Respiration fit for day 361 of 2003
S = −0.363059
H = −0.000000
Resp (umol m−2 s−1)
3
2
1
0
−1
T (°C)
5
0
−5
−10

Respiration fit for day 362 of 2003
S = −0.363059
H = −0.000000
Resp (umol m−2 s−1)
T (°C)
3
2
1
0
−1
−10
−5
0
5

Respiration fit for day 363 of 2003
S = −0.363171
H = −0.00000
Resp (umol m−2 s−1)
3
2
1
0
−1
T (°C)
5
0
−5
−10

Respiration fit for day 364 of 2003
S = −0.363183
H = −0.00000
Resp (umol m−2 s−1)
3
2
1
0
−1
T (°C)
5
0
−5
−10

Respiration fit for day 365 of 2003
S = −0.362789
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
3
2
1
0
−1
−10
−5
0
5